

EMC CAPTIVA ADVANCED RECOGNITION

Accelerate the flow of information with intelligent document recognition

ESSENTIALS

- Automatically identify all document types, replacing expensive manual document handling steps
- Reduce manual data entry and accelerate processes using intelligent data extraction
- Handles the complex capture of data from tables, including invoice line item data
- Powerful data validation that utilizes your business rules, ensuring the accurate data is routed to workflows and applications
- Learn new document types while in production, reducing the time to value while providing the highest accuracy

EMC® Captiva® Advanced Recognition delivers high-speed, automatic document classification, data extraction, and routing of documents designed to help businesses manage the vast amount of incoming information they receive on a daily basis. It replaces manual, error-prone, and expensive document sorting and data entry processes with automatic document recognition and data extraction.

With Captiva Advanced Recognition, organizations are able to scan mixed batches of structured, semi-structured, and unstructured documents within a single flow, without the need for separator sheets, barcodes, or patch codes. The result is cost reduction and business process optimization, measures that can help save time and money while increasing the ability to manage the flow of incoming documents.

UNPARALLELED CLASSIFICATION FOR AUTOMATING DOCUMENT DRIVEN PROCESSES

One of the greatest strengths of Captiva Advanced Recognition lies in its ability to identify similar document types using innovative classification technologies. Captiva Advanced Recognition leverages both image and text-based analysis to determine document types, automatically capture business data for search and archiving, or to drive transactional processes, and route documents to the appropriate department or personnel for processing. This technology works by automatically learning the attributes of existing documents and using them as a basis for classifying new, incoming documents that arrive throughout an enterprise.

By analyzing a document's general layout design to find recurring information, such as logos or other graphical elements, Captiva Advanced Recognition is completely language- and format-independent. In the case of semi-structured or unstructured documents, the system uses full-text engine results, looking for keywords and text phrases contained in a document to determine the document type.

REDUCING COST WITH AUTOMATED DATA EXTRACTION AND VALIDATION

Captiva Advanced Recognition performs automated data extraction and validation, reducing the need for manual data entry and ensuring accurate information is passed to back-office systems. Captiva Advanced Recognition includes several recognition engines that allow you to extract machine printed and handwritten text, check marks, and barcode information.

For structured forms, Captiva Advanced Recognition extracts data using fast and accurate pre-defined zones. For less structured documents, like invoices or contracts, Captiva Advanced Recognition extracts data using more flexible, freeform recognition, enabling data to be extracted regardless of where it exists on the page. This broad set of recognition technologies and methods ensures that data is extracted with the highest performance and accuracy from structured forms, while also providing maximum flexibility to extract data from all document types.

Captiva Advanced Recognition streamlines many types of document processes:

- New account opening
- Accounts Payable (Invoices)
- New employee on-boarding
- Patient admissions
- Legal contracts
- Mortgage lending
- Property and casualty claims
- Insurance underwriting
- Account servicing
- Tax filings
- Social services
- Prescription fulfillment
- Shipping/receiving
- Patient insurance/financial services

AUTOMATED PRODUCTION LEARNING DELIVERS RAPID TIME TO VALUE

Captiva Advanced Recognition is powered by the most sophisticated technology that learns documents in your production workflow without complex setup and configuration providing the highest accuracy and the shortest path to a quick return-on-investment. By learning documents based on the visual layout and textual characteristics, new document types can be automatically added to a project from day one of operation. Furthermore, operator input, data recognized, and business rules further automate the learning process associated with capturing data. This advanced technology requires no burden on operators, does not interrupt the process flow, and system projects are automatically updated without requiring an administrator to intervene. The technology works with all types of documents including forms and semi-structured documents like invoices, and documents with varying image quality issues as a result of the device from which they were captured.

ORGANIZATIONS RELY ON EMC TO STREAMLINE THEIR PAPER PROCESSES

In today's competitive business environment, companies must take advantage of every opportunity to decrease cost, speed cycle time, and increase productivity. Whether your business is in financial services, insurance, healthcare, government, or another industry, Captiva Advanced Recognition is poised to handle all of your document processing needs. By leveraging proven technologies that automate the classification and data extraction of any type of document, organizations using Captiva Advanced Recognition can reduce the manual tasks associated with document preparation and data entry.

NOW TAKE IT TO THE CLOUD

To address the challenges affecting IT organizations today, EMC provides a revolutionary approach: EMC OnDemand, an "instant-on", pre-configured, cloud-based solution, complete with the highest level of security and the ability to customize applications to address your unique business challenges, integrate with other business systems, and leverage existing infrastructure.

EMC OnDemand solutions provide a complete stack of industry-leading products and solutions, including EMC Captiva, related EMC enterprise content management products, EMC storage, RSA security, VMware virtualization, and technologies from Vblock partners, Cisco and Intel. By eliminating IT infrastructure expenses as well as delays acquiring hardware and installing software, EMC OnDemand helps customers save time and money, while leveraging EMC experts to maintain and optimize ongoing system performance.

MORE LEADING ORGANIZATIONS COUNT ON EMC CAPTIVA SOLUTIONS

More than 5,000 companies and government agencies use EMC® Captiva® solutions to reduce costs, improve information accuracy, and accelerate business processes. EMC counts 18 of the top 25 companies in the Fortune 500 as Captiva customers and serves businesses in the insurance, financial services, government, and healthcare industries, in addition to many others. Each day, these organizations process millions of forms and documents using EMC Captiva intelligent enterprise capture solutions.

ABOUT EMC

EMC Corporation is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect and analyze their most valuable asset — information — in a more agile, trusted and cost-efficient way. Additional information about EMC can be found at www.EMC.com.

CONTACT US

To learn more about how EMC products, services, and solutions help solve your business and IT challenges contact your local representative or authorized reseller—or visit us at www.EMC.com

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