Kofax Cognitive Document Automation

OVERVIEW

Robotic process automation (RPA) accelerates the reliable acquisition, understanding and integration of information from legacy, 3rd party and web-based systems, so your business processes execute faster. But what about information from unstructured information sources, such as documents, email attachments, etc.? Kofax cognitive document automation (CDA) uses artificial intelligence (AI) and OCR to automate the acquisition, understanding, and integration of documents needed in your business processes. CDA extends the capability of RPA, allowing you to automate more and more of your processing.

Organizations with document-centric robotic processes can leverage CDA to significantly reduce labor costs, boost productivity and efficiency, accelerate business processes, and better engage and empower customers. CDA automates the processing of unstructured data contained in documents and emails – the intelligent "head work" of understanding what the document or email is about, what information it contains, and what to do with it. RPA, on the other hand, automates repetitive manual tasks that interact with websites and applications, trigger responses and communicate with systems – the repetitive "hand work" of processing electronic data. Together, RPA and CDA automate both electronic data capture and document capture.

KEY CDA FEATURES

◆ Create digital images from documents received or imported from multiple sources, such as mobile, email, MFPs, web, fax, scanners, files/folders, XML/EDI, and web services

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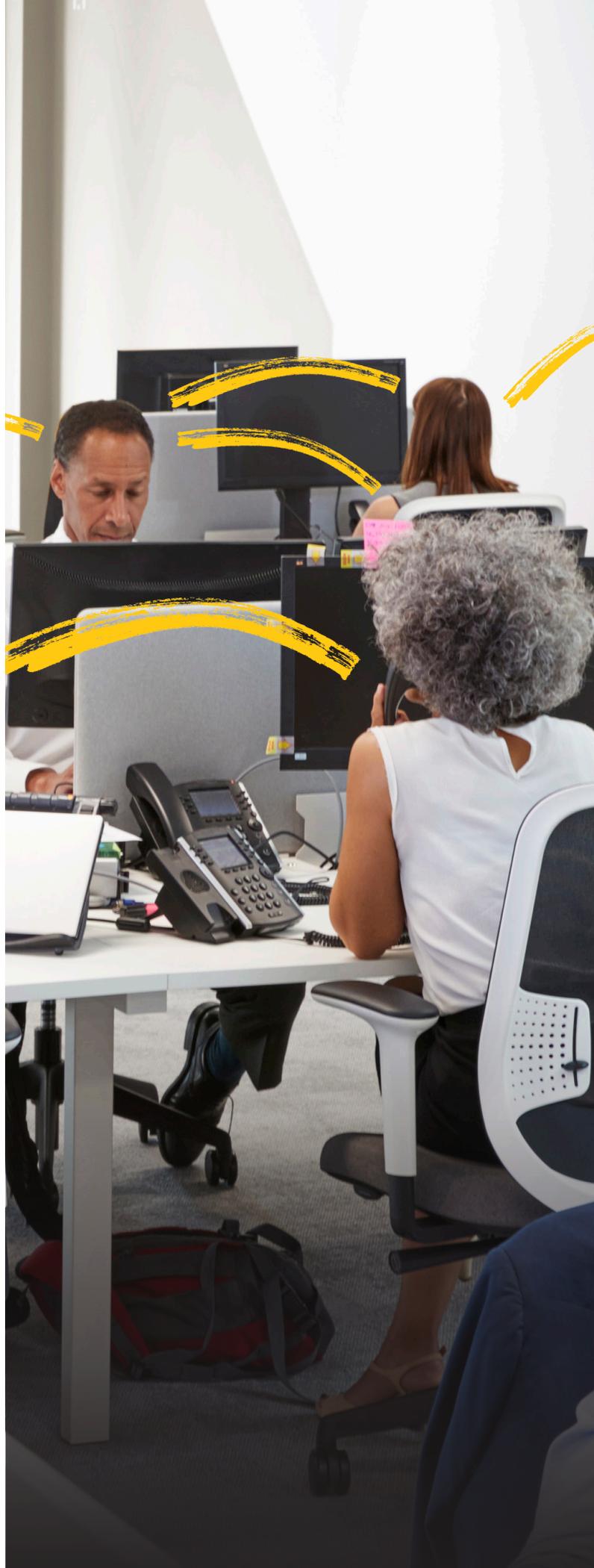
- Capture documents from back office data centers, front offices, remote offices or directly from customers
- Image perfection of scanned and imported documents, making them process ready
- Automatically classify and separate documents to determine what they are and where they should go
- Automatically OCR, extract and validate data from documents, automating manual data entry tasks – including support for machine print, handprint, cursive, barcodes, bubbles, checkboxes, tables and mailing addresses
- Intelligently automate any document type, including invoices, orders, enrollment and claim forms, mailroom documents, mortgages, contracts, correspondence and bank checks
- Leverages AI-based machine learning technologies to save time in initial configuration and ongoing maintenance
- Efficient user interfaces for exception handling that deliver rapid payback
- PDF image+text generation and advanced PDF file compression
- Export connectors to deliver images and associated data to repositories and applications
- Pre-configured invoice extraction for U.S., U.K., Germany, France, and Spain invoices

AUTOMATIC INVOICE EXTRACTION

Kofax CDA works on any type of unstructured information, so your robotic process automation can handle sales orders, enrollment forms, claims, contracts, correspondence – in fact any document of importance to any business process.

To accelerate your benefits and address a common CDA use case, Kofax CDA delivers a pre-configured capability, based on best practice methods, to automatically OCR and extract data from invoices. Just enter field data for a few samples of a supplier invoice, and the system applies AI to machine learn and automatically recognize that invoice's fields in the future. Features include support for:

- Preconfigured extraction of invoices from U.S., U.K., Germany, France and Spain, and can be expanded to support other countries
- Currency type (euros, dollars, pounds)

- Numeric formatting VAT or tax rates (tax names, codes and related amounts)
- Shipping value
- Postal codes
- Date formatting
- Formats, labels, messages, user interfaces and documentation localized in the languages for each of the supported countries
- More than 30 predefined fields for VAT projects
- More than 25 predefined fields for sales tax projects
- Pre-configured machine learning settings specific for invoice processing that minimize the number of documents that must be learned per supplier/vendor
- Documented best practice methods for maintaining invoice project knowledge bases and online learning performance
- Pre-configured line item extraction for invoice documents
- Pre-configured validation forms that include the invoice header and line item fields, as well as ability to add an interface for matching line items between invoices and existing purchase orders

KOFAX DELIVERS MARKET LEADING RPA AND CDA

Kofax is the only single-source vendor to offer both RPA and CDA, for a complete AI-based intelligent automation solution. Kofax is the long-time market leader in CDA/OCR with patented AI-based approaches that have been used successfully for over a decade to deliver CDA for the broadest range of document ingestion channels, document type and format support, document export integrations, and document capture analytics. No other supplier has the depth and extent of proven AI expertise for document understanding that Kofax provides. Kofax employs advanced AI algorithms including machine learning, classification with machine learning, natural language processing, and unsupervised learning to perform document clustering, classification and separation, OCR, data extraction, and human language understanding.

Discover more about Kofax CDA at kofax.com

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