

Cross-Industry

Case Study Accounts Payable: Extracting, Structuring and Entering Invoice Data into SAP

Invoice handling is a common problem for companies of every size in every industry

Problem

While all invoices include similar fields, they are sent to AP operations in hundreds, sometimes thousands, of different formats from different suppliers. The work of extracting data from each invoice and entering it into applications like SAP is repetitive, but variability of the formats makes it very difficult and expensive to program “if-then-else” rules in RPA. The frequency of changes to these documents makes a template-based automation approach even more difficult, and cloud-based AI solutions are too expensive and require data science expertise.

Additionally, manual processing is time- and labor-intensive, and exceptions must be handled on a case-by-case basis.

Solution

WorkFusion SPA provides reusable components that AP teams can quickly configure, without IT support, to automate their unique invoice-handling process. OCR captures and digitizes text, and SPA creates cognitive bots to extract key data with its patented Process AutoML, which uses historical and real-time human work to train machine learning models. SPA automatically flags missing or unreadable information as exceptions and routes tasks to the right people. Each manual intervention improves the completeness and confidence of machine learning models, which makes cognitive bots smarter and more accurate. RPA bots send validated payment requests to

Quality

99%

Processing accuracy achieved



Accounts Payable for processing. These same capabilities can be used to extract and structure data from any type of document, such as bills of lading, hospital bills, credit letters and mortgage deeds.

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Before



Person read invoice



Person identified invoice data



Person validated invoice data



Person entered data into invoice processing application



Person routed to Accounts Payable

After



OCR

converts document images to text



Cognitive Bots

identify and extract data from documents



WorkSpace

routes exceptions to human-in-the-loop for handling, which tunes cognitive bot performance



RPA Bots

enter validated information into AP system

Results

- 99% accuracy
- Similar results can be expected for other document types in banking, insurance, healthcare, energy and other data-intensive industries

WorkFusion's AI-driven RPA software creates and manages software robots for knowledge work. Built for data-first companies, its products automate business processes by combining AI, RPA and people in one intuitive platform. Top enterprises choose WorkFusion to reduce their cost of doing business and to use AI to overcome the complexity of scaling operations.

For more information, visit workfusion.com or email learn@workfusion.com

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