

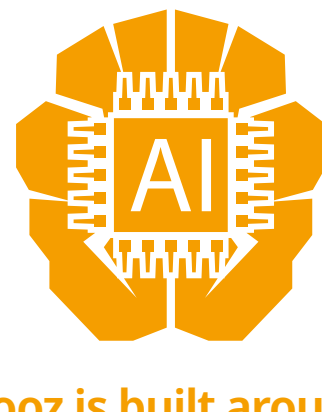
How Advanced Technologies Power AP Automation

The right technologies powering your AP automation solution are essential to creating the most automated, optimized, and efficient invoice and payment process for your organization.

ARTIFICIAL INTELLIGENCE (AI)



AI is the ability of a computer to perform tasks commonly associated with intelligent beings. AI is frequently applied to the project of developing systems with the ability to reason, discover meaning, generalize, or learn from experience.⁽¹⁾



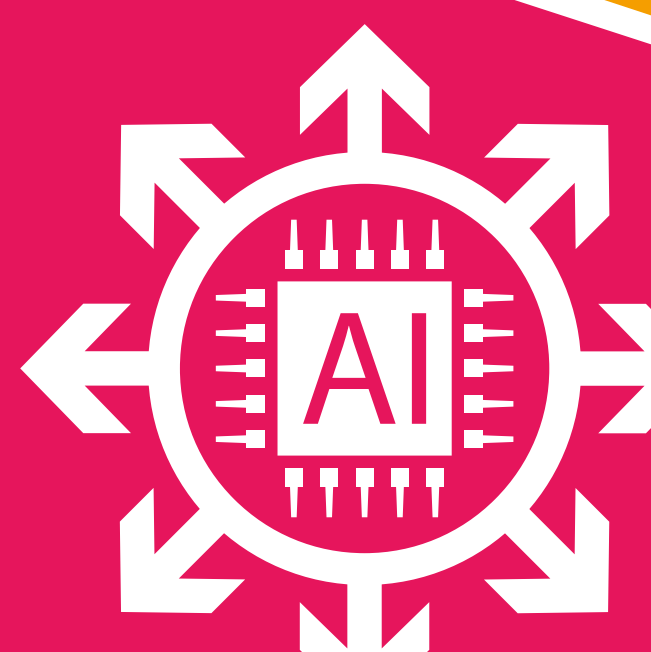
- ➔ AI-powered automation allows AP professionals to graduate from data entry to data analysis and collaboration.
- ➔ When you combine AI with Machine Learning and Big Data the AP department becomes part of a broader sourcing strategy.

Yooz is built around unparalleled AI-centric technologies to automate repetitive manual tasks throughout the invoice and payment process allowing AP staff to find creative ways to add value to the organization.

HOW AI SHOULD BE OPERATING IN YOUR AP DEPARTMENT

Best-in-class AP departments utilize AI-powered technologies, like smart data extraction and full text indexing, to gain the most automation possible for the invoice and payment processes.

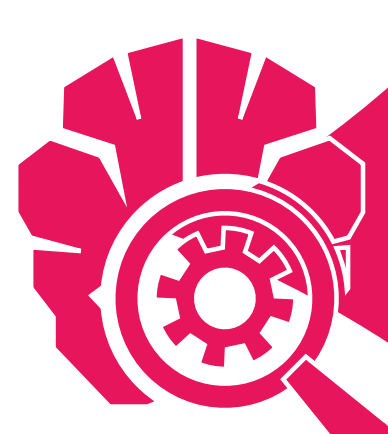
It's the unique combination of these technologies, including OCR, Machine Learning and Deep Learning powered by Big Data, that allows an organization to see the maximum optimization of their AP automation solution.



Optical Character Recognition (OCR)

OCR is the mechanical or electronic conversion of images of typed, printed, into machine-encoded text. The text can be captured from a scanned document or a photo of a document.

- ➔ OCR is a great tool for eliminating manual data entry saving AP staff hours of precious time and freeing them up for more value-added tasks in their day.
- ➔ It's a very useful technology for the AP process but its real value comes when combined with AI-powered smart data extraction.



Machine Learning (ML)

Machine Learning is the science of getting computers to act without being explicitly programmed; instead, they recognize patterns in the data and make predictions once new data arrives.

- ➔ As a subset of AI Machine Learning recognizes the patterns of how data is used to predict what should be done with new data as it arrives based on your past actions with similar data.

Deep Learning (DL)

Deep Learning describes algorithms that analyze data with a logic structure similar to how a human would draw conclusions using a layered structure of algorithms called an artificial neural network (ANN) inspired by the biological neural network of the human brain.

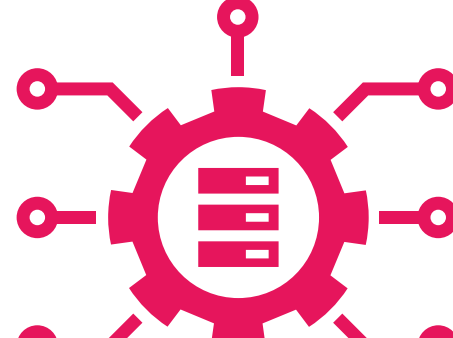
- ➔ Deep Learning requires a larger amount of data to fuel it than standard Machine Learning and requires less human interaction.

Yooz utilizes Machine Learning and Deep Learning to predict and map data from documents into the correct fields automatically with little to no manual interaction for AP staff. It learns the more you Yooz it.

Big Data

Big Data is data that contains greater variety, arriving in increasing volumes and with more velocity. Big Data is larger, more complex data sets, especially from new data sources that are so voluminous that traditional data processing software just can't manage them.⁽²⁾

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The Yooz Machine Learning and Deep Learning algorithms are trained by an extensive Big Data set of over 1,000,000 documents processed with 1,000,000 vendors and counting. This amount of Big Data allows Yooz to make more accurate assumptions with your data.

The Smartest Data Extraction for the AP Process is OCR + ML/DL Fueled by Big Data

Smart data extraction technology understands and processes the text from OCR and transforms it into relevant data. OCR by itself does not know what to do with the information it sees, but the "smart" in smart data extraction adds a crucial capability: software can now take the text and do something with it, instantly making the life of every Accounts Payable clerk so much easier.

- ➔ OCR alone does not know what to do with the data so Machine Learning and Deep Learning fueled by Big Data step in to be known as smart data extraction and which takes the text created by OCR and formats it into usable data mapped for your AP automation solution.

Yooz combines OCR and the most powerful AI-based algorithms to automatically, and in real-time, extract all the text from your invoices and turns it into usable data saving you hours of data entry while reducing errors and fraud risks associated with human data entry.

The Most Powerful and Easiest-to-Use AP Automation Solutions Store Data with Full Text Indexing

Full Text Indexing takes all the data extracted and stores it as searchable data. Only Yooz has created the ability for "Google-like" search capabilities from all the data extracted from your invoices and documents.



HOW ADVANCED TECHNOLOGY SHOULD BE THE FRAMEWORK OF YOUR AP PROCESS



Operational performance is only one area of AP automation that should be powered by advanced technologies. The backbone that supports your invoice and payment processes must also be rooted in powerful technology.

BPMN 2.0

BPMN 2.0 is an open standard notation system based on a flowchart technique that is used to model business processes. It is easily understood by business users while enabling technical users to represent and implement complex processes.⁽³⁾

- ➔ The workflow is the backbone of the AP automation process. It orchestrates and automates each step from purchase requisition to payment and with BPMN 2.0 is adjustable to your specific business processes. and that hides this complexity under a perfectly intuitive setup interface.

Yooz made the strategic decision to build utilize the standard in business process management, which enables you to create a completely customizable, flexible, and scalable AP workflow specific to your organization's needs.

(1) <https://www.britannica.com/technology/artificial-intelligence>

(2) <https://www.oracle.com/big-data/what-is-big-data/>

(3) <https://www.processmaker.com/fr/blog/what-is-the-bpmn-2-0-standard/>

About Yooz

Yooz provides the smartest, most powerful and easiest-to-use cloud-based Purchase-to-Pay (P2P) automation solution. It delivers unmatched savings, speed and security with affordable zero-risk subscriptions to more than 4,000 customers and 200,000 users worldwide. Yooz's unique solution leverages Artificial Intelligence to deliver an amazing level of automation.

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