



# Intelligent Automation for the Legal Industry

## The problem

Law firms and legal departments are awash in documents, and practicing law has long been an area chock full of manual tasks. For decades, lawyers and those running legal divisions debated whether new technologies could help with such problems.

## The solution

But now, AI and automation have shown significant benefits, saving attorneys and other legal staff hours of time and boosting firms' overall productivity.

From OCR (optical character recognition) tools for document scanning and data extraction to AI models that help sift through contracts, intelligent automation can address complex business problems and reduce hundreds of manual, error-prone processes. In fact, 60 percent of lawyers now believe technology will help improve the accuracy of their work and the profession in three to five years, according to the American Bar Association.

## End-to-end, in one platform

While plenty of companies have sprung up to help attorneys automate one or two individual tasks, Automation Hero has the advantage of automating legal business processes from end to end, while also using an automation assistant, Robin, to keep humans in loop.

# 60%

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## Here's how it works

### Classify documents and extract key data

Automation Hero can help you classify and extract data from a wide range of common legal forms: Power of Attorney, client questionnaires, legal briefings, medical records, titles or deeds, non-compete agreements, corporate contracts and bylaws, and more.

We can help a legal organization build document classification models that speed up the early stages of intake and e-discovery. What type of document is attached to a customer email? AI can help determine this, and also instantly sorts a huge range of unstructured or semi-structured data, from PDFs to photos to handwritten documents. unstructured data.

Depending on the document type, we establish rules for extracting data from it. Is the client name always in the upper-right corner? For non-compete agreements, are signatures in the lower-right corner or the middle? Our platform uses deep learning as a guide and then automatically writes the information into a database or system of choice.

### Decipher handwritten documents

Automation Hero uses advanced OCR to analyze data that's structured, semi-structured, or unstructured — with unparalleled accuracy. Most OCR software can parse big volumes of documents, as long as they're only machine-typed text. Our platform is particularly versatile when it comes to analyzing a combination of machine-typed text and human handwriting. We use domain-specific training data for our OCR solution, focusing on a narrower sphere of information.

### Precise document analysis

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### Assess risk, run conflict checks and automate due diligence

Our platform can assist with automated data entry for anti-money laundering (AML) and Counter-Terrorist Financing (CTF) risk assessment forms, saving your staff many tedious hours and improving accuracy rates along the way. This process might involve a number of steps, including: assessing the types of documents received; automatic entry of specifics of the document; checking those details against public records databases; and uploading the verified forms to a file management system.

### Streamline contract management

We can automate any and all steps of contract review, including using AI models to identify and extract key information within a set of documents. The platform can accept or reject changes on standard templates and common clauses, or generate documents using premade and custom templates.

## **Make automations attended or unattended**

A legal organization can decide whether these tasks run as attended or unattended automations. If attended, updates and problem cases will be served up regularly for review by a paralegal or an attorney by Robin, our personal automation assistant.

## **Keep in compliance**

Automating compliance checks within your firm or division might include ongoing licensure verification (tracking and verifying bar licensing requirements), or monitoring rules changes in auditing, finance and securities, or insurance regulation.

When it comes to automation and the law, speed and accuracy are essential. With immediate results, attorneys know better how to maneuver, and a law firm or legal division can offer better service to clients while increasing efficiency and productivity.

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## **What is Automation Hero?**

Automation Hero's end-to-end automation platform for the modern enterprise combines screen scraping, structured and unstructured data processing, machine learning, and the human workforce. It's an operating system for automation — intelligently automating everything from simple tasks to complex business processes. This improves information worker productivity and drives more successful, optimized business outcomes. Its powerful backend focuses on three key areas: eliminating repetitive and time-consuming tasks, automating common asks and augmenting employee decision making.