automation hero_

A new approach to intelligent character recognition

Think outside out-of-the-box technology

Our platform is extremely successful at interpreting machine-typed text and handwriting, with above-human accuracy of >98%.

Even in the digital era, handwritten documents abound. And deciphering all those documents in a way that's timely and cost-efficient is still trickier than you might think. For decades, software companies have been coming up with solutions involving OCR, optical character recognition, which means converting handwritten images into machine-readable text.

But most out-of-the-box OCR software still struggles when it comes to interpreting complex mashups of information, where structured data (like machine-printed text) sits side-by-side with semi-structured and unstructured data (like handwriting).

AI-powered, domain-specific OCR

Automation Hero starts with an altogether different approach to OCR. Mainly, it's narrower in scope than off-the-shelf OCR software, using a training data set of domain-specific words. As it progresses through a pile of documents, it refines each interpretation of those words using artificial intelligence.

Integrate more

Our OCR software is ultra-versatile, since you can connect with data sources on an extensive connector list and then run OCR in batch or streaming.

The new normal

Our OCR solution automatically normalizes imperfect documents such as upside-down scans or out-of-focus photos.

Be ultra-precise

Move beyond simple data extraction like name, date, and email to pull information from tables or checked boxes.

Build to scale

Run the most accurate OCR on up to 1,000 nodes in parallel in your data center or in the cloud.

Standardize across the board

The OCR output can be standardized using our fuzzy matching capabilities and models can then be used as a shared function in Flow Studio.

Keep a human in the loop

Use our personal automation assistant, Robin, to get user approval for fields with low confidence. Then you can use that feedback to regularly retrain OCR models.

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.