mimica

Accelerating the deployment of RPA with AI.

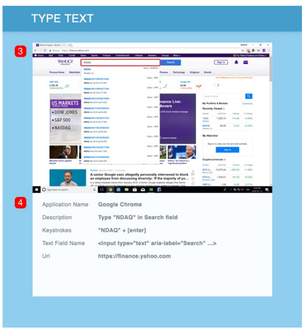
Mimica uses AI to automate process intelligence and process mapping. Our research and tech are backed by Entrepreneur First, Europe's most successful accelerator and seed fund.

What makes RPA painful to deploy?

Qualifying and mapping processes for RPA is time-consuming and error-prone. Time-consuming because we lack intelligent tools and rely on a series of discussions with subject-matter experts as the chief source of information for a process. Error-prone because SME process descriptions are often inaccurate or incomplete. These errors increase project risk and extend timelines due to costly cycles of exchanges between SMEs, business analysts, and developers.

Our solution goes to the source: the process itself.

Mimica sits on the SME's computer and observes the process directly for 2-3 weeks. Then our proprietary machine learning algorithms analyse the recordings, extracting the mission-critical data needed to qualify and automate the process. The output is an interactive procedure design document (PDD) that contains high-level complexity metrics and a low-level process map of all recorded variations and exceptions.



Highlights

1 - Process map
Interactive flowchart showing all recorded variations, exceptions, and their volumes.

2 - Process complexity metrics
High-level metadata used to estimate process complexity and developer time.

3 - Screenshot
Visualise each step with a screenshot and red bounding box around the relevant element.

4 - Step metadata
Relevant metadata for the particular step, helpful for understanding the action and developing the automation.

Qualification, done.

Make profitable decisions with Mimica's complexity metrics.

- Flag unfriendly steps containing unstructured data or cognitive decisions.
- Efficiently estimate developer time using our complexity metrics.
- Determine whether client machine / infrastructure meets automation tool reqs.

Mapping, done.

Begin development immediately with Mimica's generated PDD.

- Capture variants and exceptions upfront, eliminating cyclical exchanges.
- Generate an accurate, keystroke-level process design document.
- Intelligently aggregate keystrokes and clicks into coherent steps.

Cut man-hours in half.

By eliminating manual work and human error from deployments, Mimica reduces time-to-deploy by up to 60%.

Process qualification - 50% saved by providing complexity metrics

Process Mapping - 95% saved by generating a PDD

Development time - 40% saved by eliminating cyclical discussions

Testing - 40% saved by providing test data upfront

FAQs

How does the technology work?

We use a combination of supervised and unsupervised learning to cluster and aggregate process recording data, turning keystrokes and clicks into coherent process steps. We're happy to talk tech, send us an email!

What does our architecture look like?

We encrypt the recorded data and move it to an on-premise database for processing. For our UK customers, all of the processing happens on-premise; the data never leaves your company firewall. For our customers in Asia and the US, we use bank-grade 256-bit encryption to move the data to our cloud for processing.

How do I try the product?

We're currently selecting partners for a trial. Please send a quick email to tuhin@mimica.ai to schedule a call with us.

Founding Team

Tuhin Chakraborty

Co-Founder & CEO

Tuhin led software engineering teams at companies like Pandora and LinkedIn while building and selling enterprise software in his spare time.

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Raphael Holca-Lamarre

Co-Founder & CTO

Raphael completed a PhD at the intersection of neuroscience and machine learning, developing brain-inspired learning algorithms for deep neural networks.

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CONTACT US

Drop us a line for a live demo: tuhin@mimica.ai