Stability & Scalability

Enterprise customers need a more flexible, straightforward path to scale products & services.

Whether scaling up or down, the platform your business depends on needs to be built for rock-solid, stable performance. At Automation Hero, scalability and stability are the core pillars of our design process.

For every enterprise customer we serve, we serve them better because we create integrated platforms uniquely tailored to helping them truly grow.

Scalability

Automation Hero is the only solution in the market that executes all automation processes in a distributed manner — even up to hundreds of servers elastically and in parallel.

Executing all automation processes in a distributed manner like this enables the Automation Hero platform to scale for periods of peak processing as discrete events — or while performance standards are maintained.

Automation solutions from competitors are either on-prem, single-server, or multi-tenant. These cannot elastically support on-the-fly processing to a massive scale like Automation Hero.

Example:
A cluster size can be increased for the last few days of the month to close the financial books on time and then scaled back to base-level for ongoing non-peak processing.

Reliability

As a clustered system, Automation Hero is the only product in the IDP and Automation space with built-in fault tolerance at the platform's core.

In practical terms, when a server crashes in an Automation Hero cluster, another server automatically takes over the work without suffering any data loss. Simultaneously, the system starts up a new server that will join the cluster and take on jobs as soon as it goes live.

This unique architecture — which couples automatic server replacement and automatic failover as base-level features — is especially relevant for mission-critical, high-volume use cases where enterprise-grade reliability with zero data loss is a requisite. Plus, with the click of a button, you can restore all of your processes and development work using our automatic backup features.

Other vendors do not offer the capabilities that make Automation Hero so reliable for mission critical processes.

Modern Deployment

Automation Hero is the only platform with a modern deployment mechanism that's built into multi-cloud data centers. If utilizing a Platform-as-a-Service approach, Automation Hero will allow users to start up application environments on demand in any of the cloud data centers available and pivot to lower-cost centers as needed.

In practical day-to-day use, this means users can:

- Create new builds as developer and test environments

- Clone new development and test environments to promote to production

- Clone production environments back to develop and test to create identical environments

- Promote the testing and developer environments to the new production environment — reducing the debugging process when a production clone is promoted back into production.

Deploying this approach is how Automation Hero dramatically reduces development time and increases reliability.

Automation Hero as a Micro Service

All modern platforms support calling external microservices. This is considered table stakes for any modern solution.

Automation Hero is the only end-to-end platform that allows automations and document-AI processes and then deploy them as highly scalable, highly reliable microservices.

For example, you can immediately start using Automation Hero's built-in intelligent document processing to build an automated infrastructure that speeds up tasks at every step of the way in your document processes.

For processes still stuck under a mountain of unstructured data — our API will serve as an IDP "fabric" that connects all of your microservices together with other business process automation systems and internal data systems.

Automation Hero supports a "Business-Process-as-a-Service" architecture for automation processing. For enterprises looking to improve processing speed, accuracy, or performance, our microservice-based architecture allows us to solve specific problems as we plug into an existing workflow or RPA processes.

Change your automation or workflow performance quickly and easily without "rip and replace," reduce cost and overhead for your company.