

HALO® IN THE CLOUD

ACCELERATING AI DIAGNOSTICS
AT INDICA LABS



Mission of AI Diagnostics

The AI Diagnostics group at Indica Labs develops CE-IVD and RUO products for deployment in HALO AP®, our case-centric enterprise digital pathology platform. HALO Clinical AI products include automated AI-based decision support tools for breast, non-small cell lung cancer, and prostate cancer.

Cloud Deployment for AI Diagnostics

- Provides anytime, anywhere access to HALO®, HALO AI, HALO Link, and HALO AP
- External collaboration is facilitated via HALO Link and HALO AP
- Fully scalable deployment for quick project turnaround times

Cloud Services

Indica Labs Cloud Services helps organizations realize the benefits of cloud deployment by providing comprehensive management of our HALO® software platforms in Amazon Web Services (AWS) cloud-hosted environments.

Our AWS Certified Solutions Architects enable organizations to harness an optimized infrastructure that offers performance, flexibility, scalability, and security while retaining complete ownership and control over their AWS account.

“Harnessing the potential of AWS in AI Diagnostics not only accelerates project delivery but also cultivates an exceptional platform for collaborative engagement with external partners.”

Peter Caie, PhD
Sr. Principal Scientist, AI Diagnostics
Indica Labs

Benefits of Cloud Deployment for AI Diagnostics

- Ability to dynamically scale infrastructure according to user demand
- Improved analysis performance and throughput
- Convenient access for global team members
- Cost savings from optimized resource utilization

Key Statistics*

- 110 TB of data
- 15 Analysis servers
- 10 Dedicated HALO clients
- 400 GB Database

* Data as of August 2023

CLOUD INFRASTRUCTURE



Deployment of HALO, HALO AI, and HALO Link utilize autoscaling to maximize image analysis speed and efficiency, a managed, serverless database for supporting infrastructure, and S3 buckets alongside an AWS Storage Gateway to manage file storage.

“With a secure, highly performant, and optimally provisioned cloud deployment of HALO for the AI Diagnostics team, we enable the team to focus their attention on the development of novel AI-based decision support tools.”

Billy Heseltine
Director of Cloud Services
AWS Certified Solutions Architect
Indica Labs

READY TO LEARN MORE?

Contact our team to explore whether a cloud deployment of a HALO platform is right for you.