

Aperio HALO AP

AI-powered, pathologist-centric image management system for efficient on-screen slide review and enterprise digital pathology workflows.

<https://indicalab.com/>

Overview

Aperio HALO AP, developed by Indica Labs in partnership with Leica Biosystems, is an AI-powered, pathologist-centric image management system built to optimize clinical workflows in anatomic pathology. It is designed for efficient on-screen slide review, unifying patient data, whole slide images (WSI), and AI-driven analytics into a single, intuitive, case-centric interface. The platform supports a variety of clinical and research workflows, including primary diagnosis (via the FDA-cleared HALO AP Dx version or CE-IVDR marked HALO AP), Multidisciplinary Team Meetings (MDTs), consultations, and clinical trials.

Key capabilities include:

On-Screen Diagnosis & Review: Allows pathologists to review slides remotely the moment they are available, increasing efficiency and eliminating the logistics of physical slide shipping.

Integrated Reporting: Clinicians can create and customize synoptic reports that are seamlessly displayed alongside case images for a holistic review of pathology data.

Collaboration & Conferencing: Features built-in Case Conferencing for real-time, secure sharing and discussion of slides with internal and external colleagues, and supports blind scoring for clinical trials.

AI Ecosystem: Seamless integration with the Aperio AI Store (and HALO Clinical AI) provides pathologists with a curated menu of powerful, third-party AI tools and algorithms, enhancing diagnostic accuracy and streamlining workflows.

Interoperability: Utilizes open, API-first technology to support bi-directional connectivity with existing Laboratory Information Systems (LIS/LIMS), DICOM-compatible scanners, and PACS/VNA systems. Deployment is flexible, offering secure cloud (including AWS S3/Glacier for archiving) or on-premises installations to integrate seamlessly within a laboratory's existing IT framework. The platform is targeted at large pathology labs, hospitals, research organizations, and pharmaceutical companies.

Key Features

- AI-Powered Image Management & Analytics
- On-Screen Diagnosis & Review
- Integrated Synoptic Reporting
- Case Conferencing & Remote Collaboration
- Aperio AI Store Integration (Third-party AI)
- DICOM & LIS/LIMS Interoperability (API-first)
- Blind Scoring for Clinical Trials
- Flexible Worklist Management

Pricing

Model: enterprise

Custom pricing based on deployment (cloud/on-premise), license type (single, multi-seat, enterprise), and term (annual or permanent). Contact sales for a quote.

Target Company Size: medium, enterprise

Integrations

LIS/LIMS systems, DICOM-compatible scanners, PACS/VNA systems, Aperio AI Store (Third-party AI algorithms), AWS S3/Glacier (Deep Archive)

Compliance & Certifications

HIPAA, GDPR, FDA 21 CFR Part 11, ISO 13485:2016, CE-IVDR

This document was generated by IntuitionLabs.ai with the assistance of AI. While we strive for accuracy, please verify critical information independently.