C L I N I C A L S O L U T I O N S

HALO AP®

CASE-CENTRIC DIGITAL PATHOLOGY MANAGEMENT SOFTWARE

AI Powered, Pathologist Driven

indica labs
AI-POWERED PATHOLOGY

For In Vitro Diagnostice Use

Advancing Cancer Diagnostics
Improving Lives

Leica
BIOSYSTEMS

HALO AP® brings together patient data, whole slide images, and AI-based decision support in an ergonomic, case-based platform ideal for remote work.

For In Vitro Diagnostice Use

HALO AP®

An AI-powered, pathologist-driven diagnostic pathology platform that supports primary diagnosis, second opinions, multidisciplinary team meetings, clinical trials, and more.

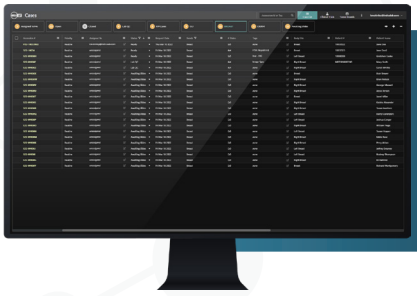
What sets HALO AP® apart?

+ User-friendly platform with complete toolkit for efficient, standardized diagnosis
+ Intuitive workflows streamline Multidisciplinary Team Meetings and Tumor Boards
+ Incorporate AI and image analysis at any stage of your journey
+ Collaborate with colleagues, near and far, with the click of a mouse
+ Comprehensive integration, training, and support services
+ Secure cloud or on-premise deployments that work with your existing LIS | LIMS system

WORK WITH YOUR EXISTING SYSTEM

1 Image whole slides & scan barcode

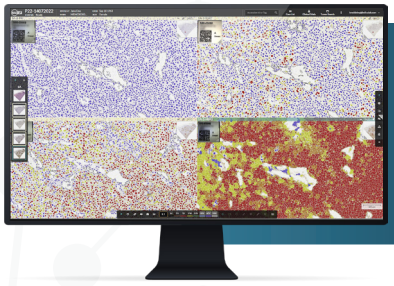
Aperio GT 450 DX scanner



4 View patient and case data in LIS | LIMS and HALO AP®

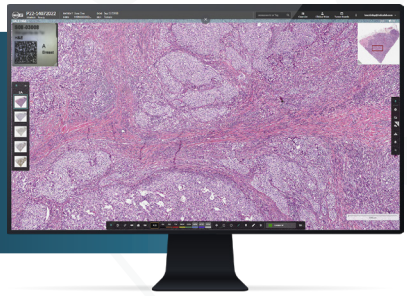
2 HALO AP® assembles case using barcode and LIS | LIMS data

HALO AP® Server



5 Analyze slides, incorporate AI decision-support, and diagnose

3 View case images in HALO AP®



6 Push results to Pathology Report or LIS | LIMS

For In Vitro Diagnostice Use

INTEGRATED DIGITAL PATHOLOGY

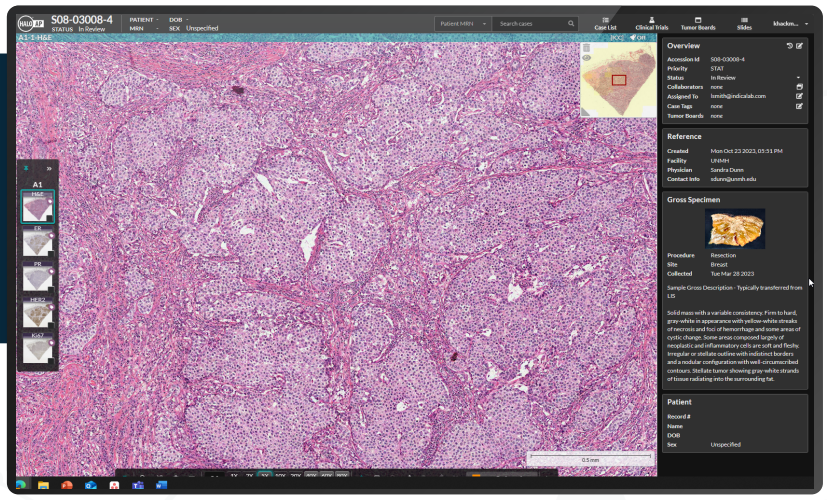
Platform Compatibility & Integration

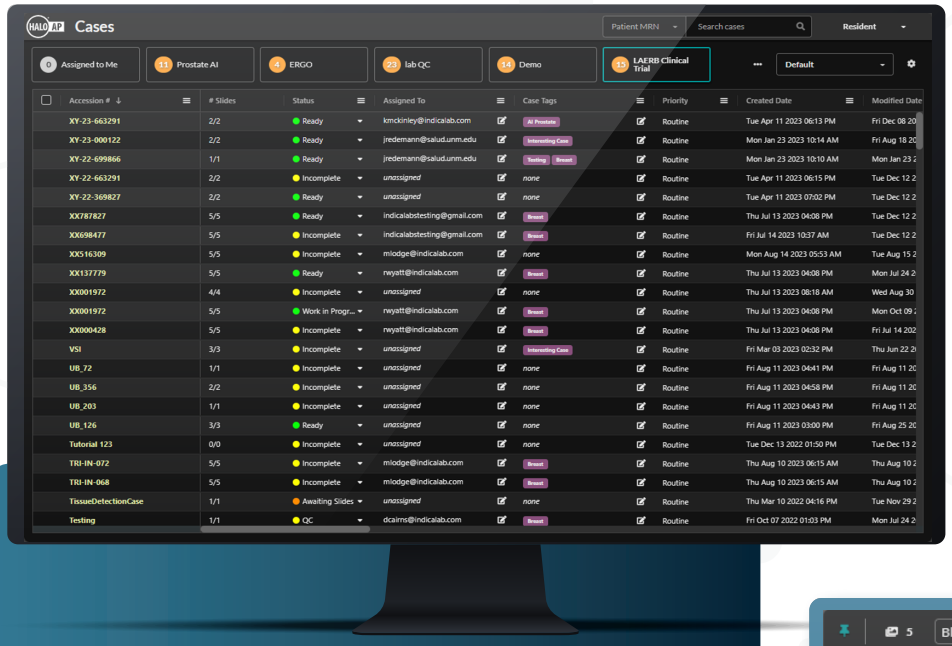
HALO AP® works with your laboratory information system instead of replacing it. Access the right data at the right time by integrating with LIS | LIMS systems, eliminating the need to move between platforms. Open, API-first technology supports bi-directional connectivity to any application.

Customized and Secure Deployments

HALO AP® can be deployed on-premise or in the cloud to work within your IT framework. You can count on AWS Certified Solution Architects, Technical Solutions team, and our knowledgeable applications support.

STANDARDIZED REPORTING





CASE-CENTRIC WORKFLOWS

INTUITIVE WORKSPACE

For In Vitro Diagnostice Use

A PLATFORM OPTIMIZED FOR AP

Streamlined Pathology

HALO AP® organizes images and metadata, offering flexible options for worklist management. Its intuitive case viewer integrates digital slides, quantitative data, synoptic reports, gross details, patient information and past surgical pathology reports in one location.

Integrated Reporting

Whether you're following standardized guidelines or designing your own proprietary reporting templates, HALO AP® lets you develop customized synoptic reports, and display these alongside case images.

For In Vitro Diagnostice Use

NETWORK AND COLLABORATE

Multidisciplinary Team Meetings

Modernize MDT and tumor board preparation by efficiently structuring case reviews, annotations, and case notes within HALO AP®, where you can instantly navigate to histological regions of interest and notes with a single click.

Collaboration and Remote Diagnostics

With all your slide images and case information in a single application that you can access from anywhere, you'll have the flexibility you need to provide the best patient care possible.

Increase the efficiency of your diagnoses by reviewing slides the moment they are available for sign-out.

Request second opinions, levels, and additional studies with the click of a mouse, saving on time and eliminating logistical expenses.

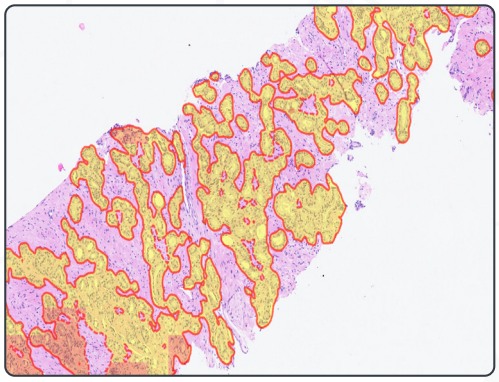
FUTURE-PROOF YOUR LAB WITH AI

AI and Image Analysis

HALO Clinical AI provides labs with automated decision-support tools for the identification and grading of cancer, all integrated seamlessly into HALO AP®.

+ Perform and review quantitative analysis anytime, anywhere, and view results in the browser-based interface
+ Leverage AI-based analysis in your reports
+ Complement your expertise by using AI as a post-diagnosis quality check or to triage slides for expedited review of the most urgent cases

HALO Prostate AI



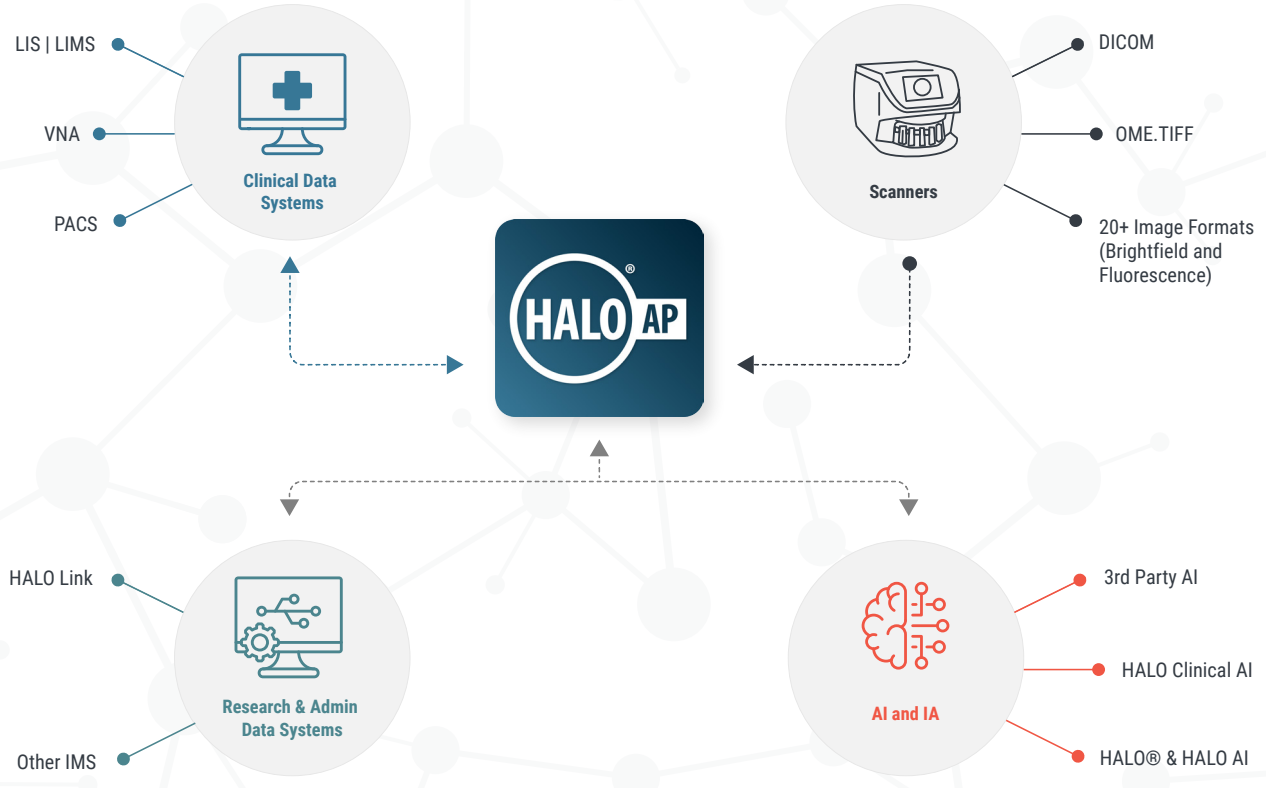
Identification and grading ofprostate cancer

For In Vitro Diagnostice Use

A PATHOLOGY LAB THAT JUST WORKS

An Ecosystem for Pathology

HALO AP® offers a comprehensive, future-ready ecosystem with the tools pathologists need. Experience the future of pathology – streamlined MDT workflows, reduced turnaround times, and the ability to integrate AI and image analysis.



HALO AP® is compatible with a wide range of brightfield and fluorescent image file formats, including DICOM and OME.TIFF. It supports slide deidentification for research and algorithm development workflows, ensuring data privacy and security. Bidirectional connectivity via API enables seamless integration with existing laboratory systems.

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LeicaBiosystems.com

DIGITAL PATHOLOGY

Focus on Experience

Adopting digital pathology is complex, but it doesn't have to be complicated. Leica Biosystems is proud to partner with Indica Labs to deliver comprehensive digital pathology solutions by combining expertise in scanners, image management, and image analysis software. Leica Biosystems can clarify your organization's path to digitally driven discoveries through our world-leading, modular technology that is deployed in thousands of digital pathology implementations worldwide.

HALO AP® is CE-IVDR marked for in-vitro diagnostic use in Europe, the UK, and Switzerland. In addition, HALO AP® provides built-in compliance with FDA 21 CFR Part 11, HIPAA, and GDPR.

HALO AI Prostate is CE-marked for in-vitro diagnostic use in Europe, the UK, and Switzerland. HALO AI Prostate is accessed via the HALO AP® enterprise digital pathology platform.

LEICA BIOSYSTEMS IS AN INTERNATIONAL COMPANY WITH A STRONG NETWORK OF WORLDWIDE CUSTOMER SERVICES

For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com

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Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit LeicaBiosystems.com for more information.

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