

APERIO CLINICAL SOLUTION

B R O C H U R E

Speed to Quality for
the Lab Manager

Security and interoperability
for the IT Professional

Confidence in Diagnosis
for the Pathologist

Proven Digital Pathology for diagnostic excellence

Aperio GT 450 DX scanner, Aperio eSlide Manager
with WebViewer DX, and Aperio LIS/LIMS Connectivity

Rev A | 5.2022

Advancing Cancer Diagnostic
Improving Lives

Leica
BIO SYSTEMS

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PROVEN DIGITAL PATHOLOGY
FOR DIAGNOSTIC EXCELLENCE

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PROVEN DIGITAL PATHOLOGY FOR DIAGNOSTIC EXCELLENCE

Proven Digital Pathology

Proven technology for improved workflow efficiency and patient care are set to define digital pathology and increase overall adoption. With the introduction of more rigorous controls under EU Regulation 2017/746 on in vitro Diagnostic Medical Devices (IVDR), manufacturers of digital pathology devices are being held to the highest standards of quality, security, and patient safety.

Introducing the Aperio Clinical Solution – Proven Digital Pathology for Diagnostic Excellence.

Aperio Clinical Solution

The Aperio Clinical Solution is a comprehensive digital pathology system. It partners the time-tested Aperio GT 450 DX scanner together with eSlide Manager a secure and integrated image management system – complete with WebViewer DX, a validated clinical viewer, and LIS/LIMS connectivity. State-of-the-art DICOM imaging, excellent image quality, and robust LIS/LIMS connectivity capabilities allow for more seamless and tighter integration with hospital systems for a streamlined and efficient workflow.

The Aperio Clinical Solution elevates your diagnostic experience using the power of proven digital pathology.

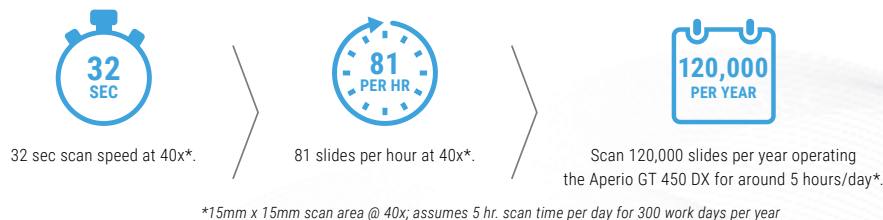


PROVEN DIGITAL PATHOLOGY | **SPEED TO QUALITY FOR THE LAB MANAGER** | SECURITY & INTEROPERABILITY | CONFIDENCE IN DIAGNOSIS | YOUR DIGITAL PATHOLOGY JOURNEY

SPEED TO QUALITY FOR THE LAB MANAGER

Designed for Pathology Lab Managers experiencing significant TAT challenges, the Aperio Clinical Solution provides proven technology intended to increase time-savings and improve technician productivity and confidence with its reliable and easy-to-use system featuring **automated QC, digital workflow automation, and production of high-quality images without delay.**

- ! Assign priority cases.
- ✓ Automated image quality check and slide calibration during each scan.
- 🔄 No-touch continuous rack loading during scanning.
- 📦 450 slide capacity packed into small size.
- 📷 Excellent image quality using Leica optics.



Aperio GT 450 DX open face design allows you to continuously load racks while scanning is in progress to maximize productivity.



Featuring automatic image quality control, so you have image quality confidence before your scans reach the Pathologist.



Stats page allows you to view slides scanned/day/month/year, average scan area and average scan speed.

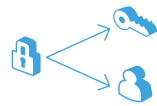


PROVEN DIGITAL PATHOLOGY | SPEED TO QUALITY | SECURITY & INTEROPERABILITY FOR THE IT PROFESSIONAL | CONFIDENCE IN DIAGNOSIS | YOUR DIGITAL PATHOLOGY JOURNEY

SECURITY & INTEROPERABILITY FOR IT PROFESSIONALS

Designed for Healthcare IT professionals who enable patient-centered care by maintaining the pathology team’s connection to secure and integrated data, the Aperio Clinical Solution offers proven and patented technology including **centralized system management, native DICOM imaging and LIS connectivity** using international standards, intended to deliver fast, secure, and scalable IT architecture; while **enabling interoperability** between systems – all backed by decades of implementation experience.

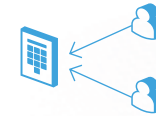
- In-app user authentication and authorization
- Supports 150 concurrent users simultaneously accessing the database
- Browser-based thin client



Enhanced cyber security including encryption and login controls.



Store and forward: store images temporarily then transfer during low IT traffic times.



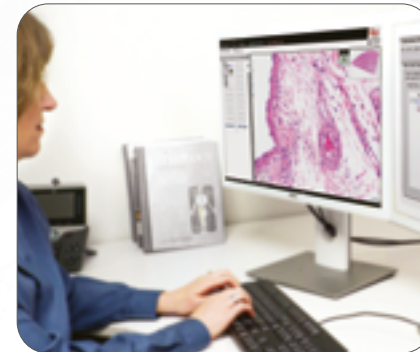
Set up user-specific PIN for each Aperio GT 450 DX.



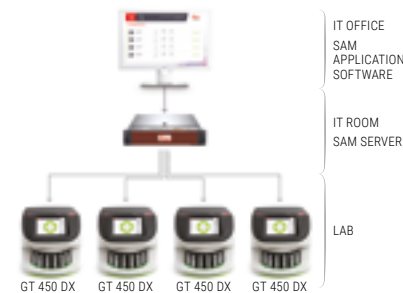
SVS and DICOM saving option



A centralized Scanner Administrator Manager DX (SAM) will allow IT professionals to scale up Digital Pathology operations securely and efficiently.



No more workstations needed. SAM server and software allow IT managers to set up and monitor GT 450 DX scanners via the network, including dashboard status views, PIN controls and log out times.



PROVEN DIGITAL PATHOLOGY

SPEED TO QUALITY

SECURITY & INTEROPERABILITY

**CONFIDENCE
IN DIAGNOSIS
FOR THE PATHOLOGIST**

YOUR DIGITAL PATHOLOGY JOURNEY

CONFIDENCE IN DIAGNOSTICS FOR THE PATHOLOGIST

Designed for pathologists who demand increased productivity in their diagnostic workflow, with a focus on patient safety, the Aperio Clinical Solution offers a proven, digital pathology system that enables an **LIS driven workflow, case and image management, storage and retrieval, and external sharing** for optimal diagnostic confidence

Aperio GT 450 DX:

- High performance Leica optics deliver exceptional image quality
- Every slide is calibrated during scanning to ensure the best quality image
- Automated image quality assessment so you don't have to send slides back for re-scans
- 99.5% accurate tissue finder finds faint tissue while excluding pen marks, dust, and residue

Aperio eSlide Manager:

- Compare current case with past patient cases to provide needed context, with the ability to synchronize image magnification and rotation of multiple images within the same window
- Corroborate your diagnosis with colleagues and consulting sub-specialists using advanced communication features
- Streamline slide navigation for professional quality presentations using handy Pin Drops

Aperio WebViewer DX:

- Image Enhancement
- Macro View to detect missing tissue
- Multi-level sort for slide tray images
- Measurements in microns/mm
- LIS Integration



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Aperio Clinical Solution: Proven Digital Pathology for Diagnostic Excellence.

Your digital pathology journey begins with high-quality whole slide images, obtained from the high-throughput Aperio GT 450 DX scanner, and retain precision quality with Aperio eSlide Manager image management software with WebViewer DX interface. Designed to optimize digital pathology processes for Lab Managers, IT Professionals, and Pathologists, this high-quality system is integrated directly into your existing workflow with the Aperio LIS/LIMS Connectivity module.



Aperio Clinical Solution elevates your diagnostic experience using the power of proven digital pathology – manifesting the potential of universal case access and borderless professional collaboration. Aperio Clinical Solution – Proven Technology for Diagnostic Excellence.

LeicaBiosystems.com/AperioClinicalSolution

Each country/region may have its own regulatory requirements and medical practices. If you have questions regarding the availability of the Aperio Clinical Solution, please contact your local sales representative. For In Vitro Diagnostic Use. The clinical use claims described for the products in the information supplied have not been cleared or approved by the U.S. FDA or are not available in the United States.

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