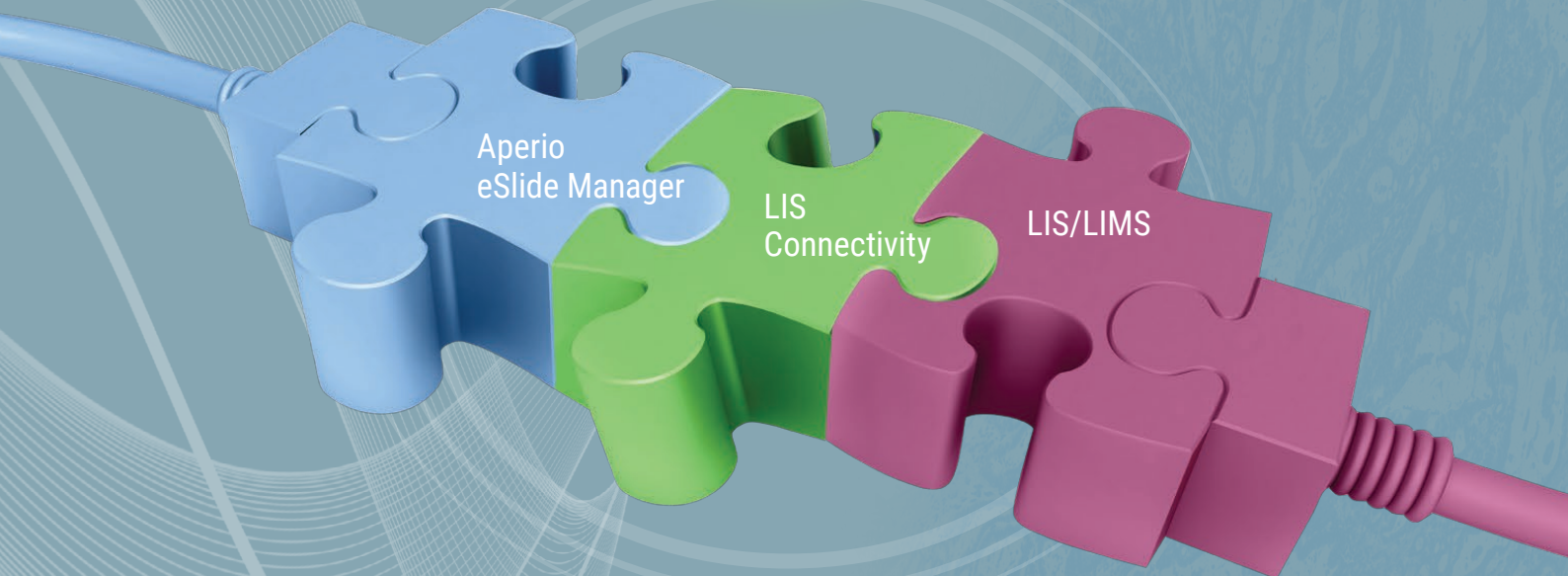


A P E R I O L I S

CONNECTIVITY SOLUTION



Integrated data
and whole slide
images at
your fingertips



Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

KEY ADVANTAGES

Aperio LIS Connectivity Solution provides a tightly coupled integration between your LIS/LIMS and Aperio eSlide Manager*, aggregating case information and making image viewing readily accessible.

WORKFLOW EFFICIENCY

- Seamless integration with LIS vendors via automated data translation.
- Automated bi-directional communication to streamline workflow.
- One-click access to Aperio Viewers through link set up in your LIS.
- LIS remains your central hub for case dispatching, launching of Aperio Viewers and reporting.
- Enables hub and spoke connectivity from a single LIS.

DATA INTEGRITY

- Cybersecurity controls to alleviate unauthorized access.
- Protected Health Information data secured in transit using latest common healthcare standard HL7 structure.
- Aperio Viewer automatically displays latest case only.
- Messages processed in real-time to help ensure accurate data.

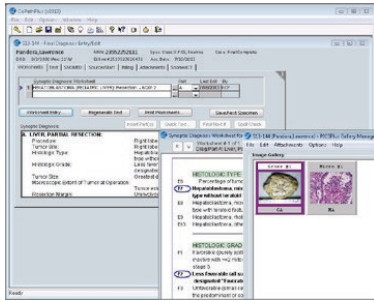
TRUSTED EXPERTISE FOR OVER 20 YEARS

- Established rapport with leading LIS vendors.
- Expert integration team consulting with you and your LIS Vendor to provide complete LIS integration solutions to IT specifications required.
- Experienced deployment team that will work with you to help you achieve your integration goals

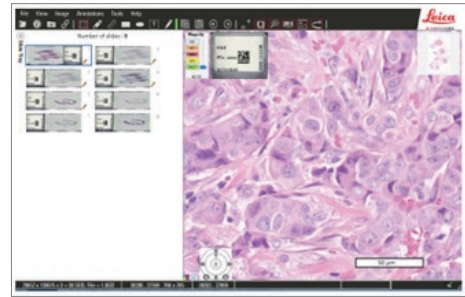
*Aperio eSlide Manager is For Research Use Only. Not For Use In Diagnostic Procedures.

A WORKFLOW-DRIVEN SYSTEM FOR CASE REVIEW AND MANAGEMENT

Pathologist directly opens cases from the LIS



Pathologist reviews case images in Aperio Viewer



4. Launch digital cases from LIS

5. Image report region saved to the LIS

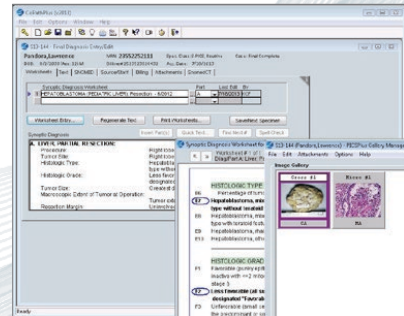
Histotech scans barcoded slide(s)



3. Update case data via HL7

2. Transfer image information & URL via HL7

LIS is updated with results & case can be completed



1. Archive whole slide digital image

Aperio eSlide Manager application

Case #	Specimen	UIC#	File Name	Image	File Transfer	Administration
All Cases						
Sort	Open Data	Close	Export Data			
Case #	MRN #	First Name	Last Name	Date of Birth	Gender	Physician Name
01	760-35-0555	Aria	Seybold	1953-04-21	Female	Dr. Beth Edwards
02	444-77-5677	Hari	Kammy	1965-05-16	Female	Dr. Beth Edwards
03	4367892	Sandra	Miler	1963-01-06	Female	Dr. Beth Edwards
04	220-33-4444	Angelique	Uhrhale	1981-12-09	Female	Dr. Bob Jones
05	111-23-3333	Lisa	Svensson	1959-12-31	Female	Dr. John Hanley

Showing Cases 1-5 of 5

6. Image report region bitmap via HL7

KEY:

Pathology Lab Workflow

LIS conn & eSM

Aperio eSlide Manager application services working in background

APERIO LIS CONNECTIVITY SOLUTION



The Aperio LIS Connectivity Solution

integrates your LIS/LIMS software with **Aperio eSlide Manager** Digital Pathology Image Management Software, aggregating case information while providing readily accessible images in Aperio Viewers.

Aperio **LIS Connectivity** Solution enables secure bi-directional flow of data between Aperio eSlide Manager and your **LIS/LIMS**, handling the message transformations between the two systems through SSL to seamlessly exchange the encrypted data.

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

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.

** While LIS Connectivity makes all communication within it secure, it does not control the LIS/LIMS itself. An additional, optional purchase of NextGen Connect SSL extension bundle is necessary to secure the communication between Lab Information System and the Aperio LIS Connectivity Solution

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