CONNECTIVITY SOLUTION

Integrated case data and whole slide images at your fingertips

Aperio eSlide Manager
LIS Connectivity
LIS/LIMS

Advancing Cancer Diagnostics
Improving Lives
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.

*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.
A WORKFLOW-DRIVEN SYSTEM TO ENABLE REVIEW AND SIGN OUT OF CASES

Pathologist directly opens images from the LIS

Pathologist reviews case images in Aperio Viewer

1. Archive whole slide digital image

2. Transfer image information & URL via HL7

3. Update case data via HL7

4. Launch digital slide from LIS

5. Image report region saved to the image

6. Image report region bitmap via HL7

LIS is updated with results & case can be completed

Histotech scans barcoded slide(s)

Aperio eSlide Manager application services working in background

KEY:
- Pathology Lab Workflow
- LIS conn & eSM
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.

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

** 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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** APERIO LIS CONNECTIVITY SOLUTION

Integrated case data and whole slide images at your fingertips

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 diagnostic images in Aperio Viewers.

Aperio LIS Connectivity Solution enables secure bi-directional flow of clinical 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.