

Lab Interoperability Module (LIM)



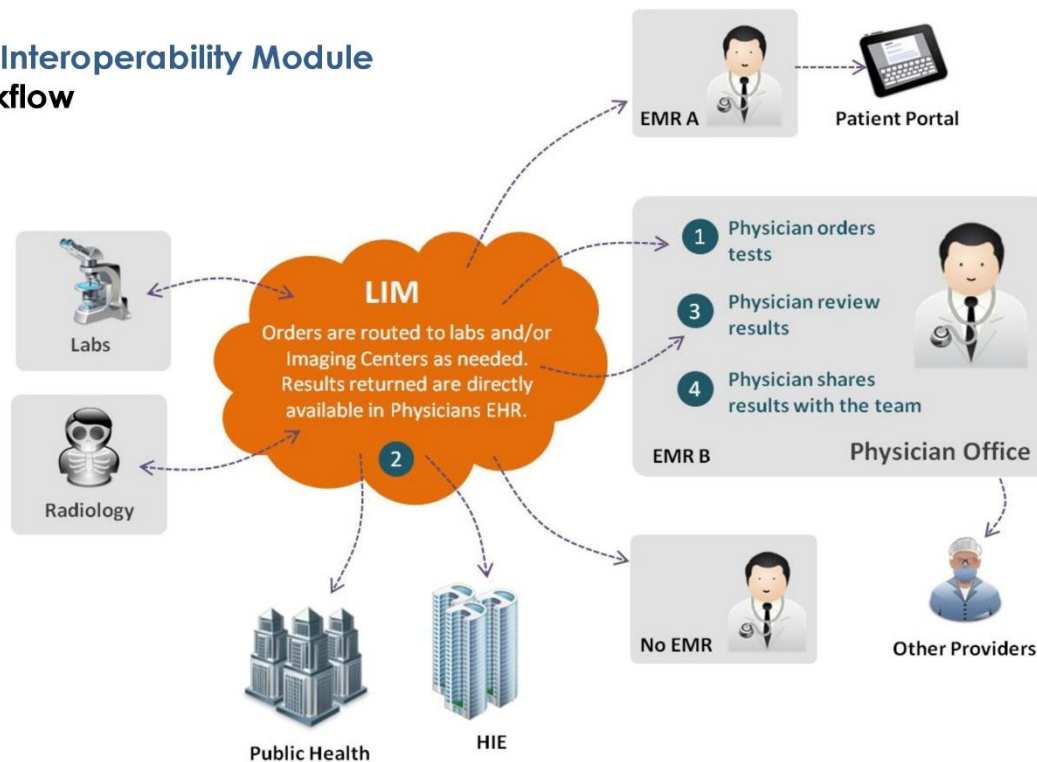
Business Problem

Receiving lab orders and sending lab results via paper makes the process time consuming for labs. Manual entry of lab data can result in errors. Also labs and Imaging centers have to interface seamlessly with several clinics and their information systems to exchange lab data electronically in a secure and seamless manner to stay competitive, strengthen physician relationships and to improve their business outcomes.

Addressing the Business Problem

ViSolve's Lab Interoperability Module (LIM) is a standardized interface engine that enables clinics and labs to electronically exchange lab information securely. It acts as a gateway that enables a single bi-directional interface for seamless connectivity between clinics and labs and eliminates the time and cost required for building and maintaining point to point interfaces between multiple clinics and labs.

LAB Interoperability Module workflow



LIM Workflow

1. Physician can order lab tests from his EMR, which LIM converts to standardized format, validates and routes electronically and securely to labs and imaging centers. **Note: Physicians without an EMR can accomplish the same using LIM Portal**
2. Orders are routed to respective labs and results are sent back to physician's EMR/LIM Portal
3. Physician can review lab results in EMR against respective patient record or in LIM Portal
4. Physician can share lab results with other providers for improved healthcare and results can be shared to patients via patient portal

Business Benefits

- Labs can receive lab orders and send results electronically to different clinics with a single bidirectional interface; eliminates cost of point to point interfaces
- Elimination of errors due to manual entry
- Physicians can also track status of their orders anytime anywhere using smartphones/tablets
- **Physicians without an EMR/EHR can also exchange lab data electronically using LIM Portal**
- Reduces patient wait times and improves productivity of staff
- Strengthens physician-lab relationships and improves business outcomes