

LAB Interoperability HUB

One Interface. Multiple connections.



LAB Interoperability HUB from **ViSolve** is an integration platform that enables Labs and Imaging Centers to receive orders electronically from multiple physicians using different EMR systems with a **single bi-directional interface**.

It improves workflow and cost effectiveness by virtually eliminating test code errors, electronically routing results to respective physicians, and helps in tracking rejections and viewing order status.

LAB Interoperability HUB will reduce the time of implementation and cut cost considerably by eliminating the complexity of interfaces required to connect disparate EMR systems.

For Labs & Radiology

As 70% of the clinical decisions are based on lab tests, interfacing labs with EMR systems is a pre-requisite to establishing connectivity between healthcare providers, while improving Laboratory Workflow, cost effectiveness and raising quality of patient care.

Physicians are also required to send orders electronically and receive test results directly into their EMR systems, as part of "Meaningful Use" requirements.

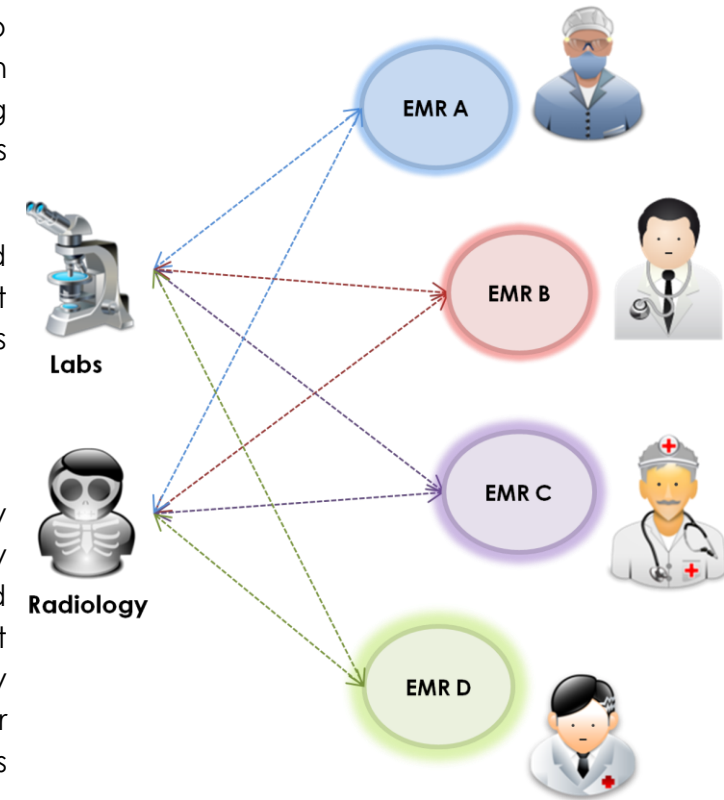
The Challenge

The major challenge faced by Laboratories and Imaging Centers today is interfacing. With hundreds of certified EMR systems available on the market today, interfacing with them is not only cumbersome, expensive and labor intensive, it can cause some small labs to lose business opportunities.

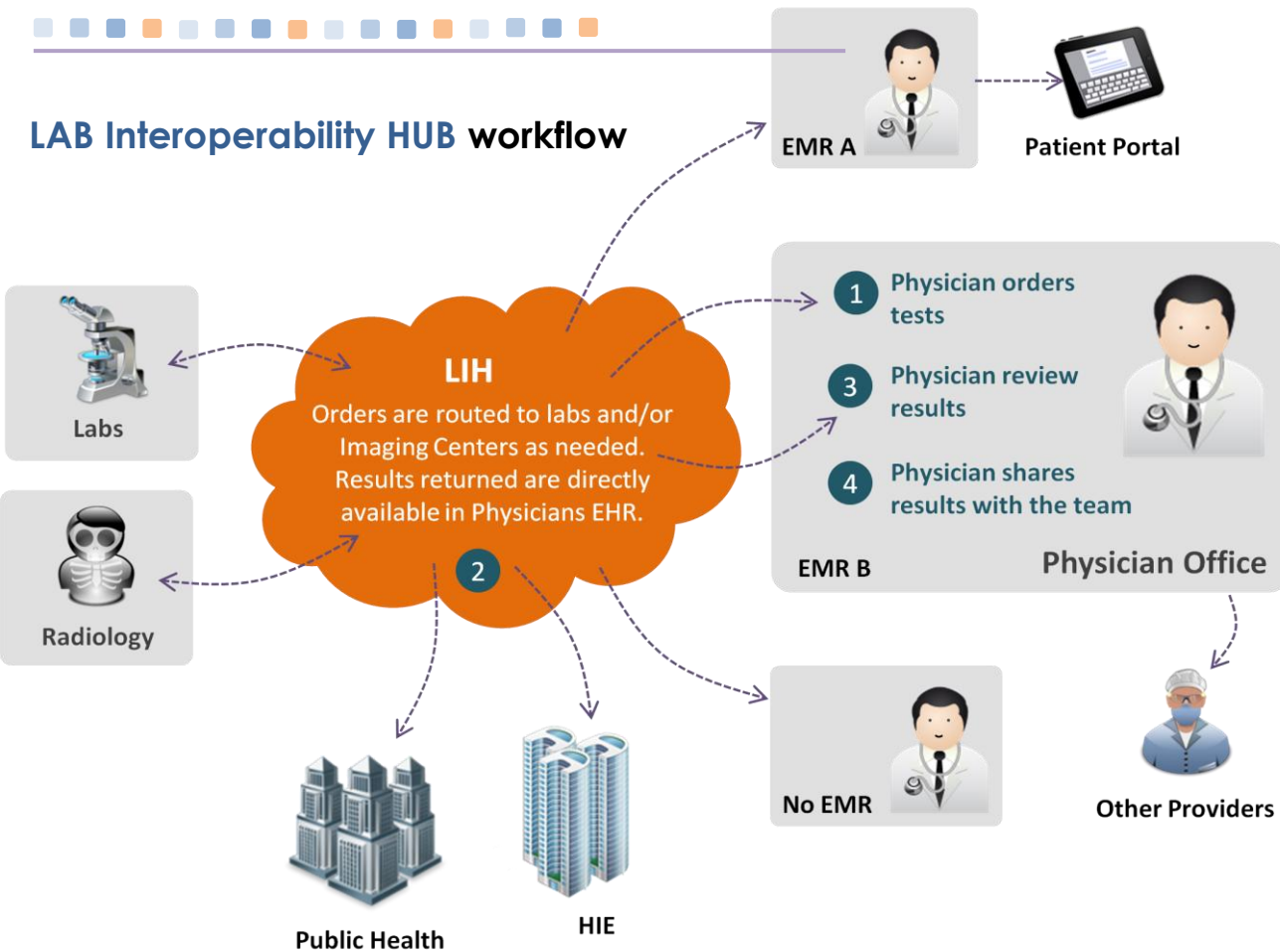
The Solution

ViSolve, in an effort to address this challenge and to be a part of building a better healthcare system, developed the **Lab Interoperability Hub (LIH)** - a standardized interface engine, gateway and a clearing-house that enables seamless connectivity between Labs and Clinicians. LIH breaks the norm of building point-to-interfaces and provides a **single bi-directional interface** to connect all capable systems to exchange patient information.

Point-to-Point Interface



LAB Interoperability HUB workflow



1. Physician orders tests

Physician orders tests from his EMR, which LIH converts to HL7 standards, maps to appropriate LONIC code, validates, and securely routes to labs and imaging centers, producing ABN documents when necessary.

2. Orders routed to respective labs, results returned to physicians EMR

Orders are routed to respective labs or imaging centers based on physician preference or insurance rules. Results returned from labs or imaging centers are viewable in the physicians EMR.

3. Physician reviews results

Standardized tests results are available in the physicians EMR, viewable in the appropriate patient's record.

4. Physician shares results with team

For improved patient care, the physician can securely forward lab results to other providers. Results can also be made available to patients through the patient portal.

LIH Key Benefits

- Labs can receive orders and send results electronically to different EMR systems with a single interface – With significant savings on integration/ implementation, training cost, effort and interface maintenance
- Establish connectivity with hospital labs, specialty labs and other reference labs with little or no effort or cost
- Eliminate test code errors (LOINC Mapping) and add value to your Client's EMR with Order Tracking and other useful functions
- Enables outreach and strengthens physician relationship by improving quality of care and better business practices
- Physicians without an EMR can also place electronic orders and view results using our LIH portal
- Securely and efficiently exchange patient information, in a standardized form, to all those involved in the healthcare information system

About ViSolve

ViSolve is a leading **software services, product development** and **consulting** firm committed to serving Healthcare providers and Healthcare IT Vendors by providing customized interoperable and vendor neutral healthcare IT solutions and services. Our services span from customized EMR/EHR services, Interoperability services, Meaningful Use consulting, Identity Access Management and Cloud based on leading-edge technologies and Open Source solutions with 7x24 Support.