

LAB Interoperability Module

One Interface ; Multiple connections



LAB Interoperability Module 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 productivity by virtually eliminating test code errors, electronically routing back results to respective physicians, and helping track rejections and order status.

LAB Interoperability Module can bring down effort and cost considerably by eliminating multiple 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 establish connectivity with healthcare providers to improve workflow, productivity and quality of care.

Physicians are also required to send orders electronically as part of Meaningful Use requirement and receive test results directly in their EMR systems.

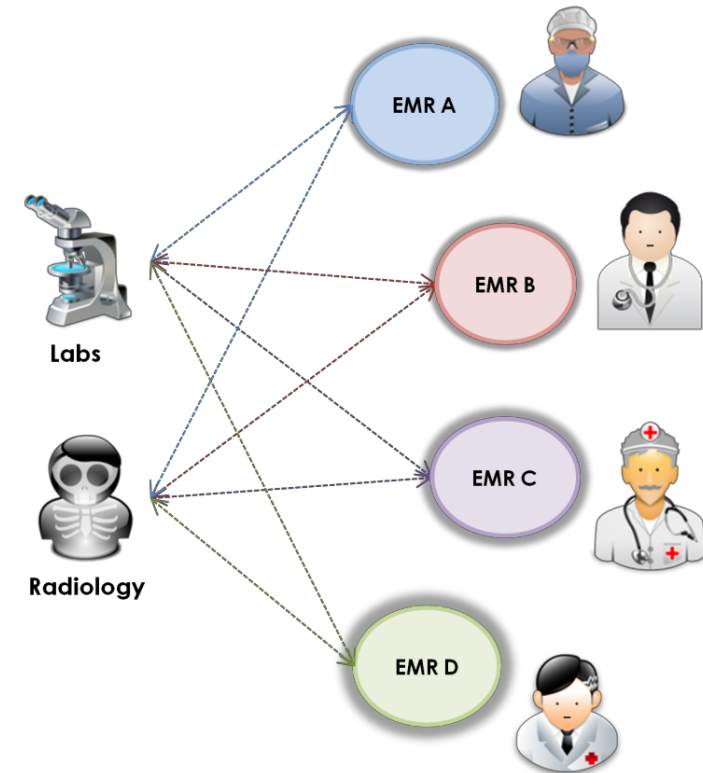
Challenge

The major challenge faced by Laboratories and Imaging Centers is interfacing. As hundreds of certified EMR systems are available in the market, Interfacing with them is not only cumbersome, expensive and effort intensive but can even pressure small labs out of business.

Solution

ViSolve, in an effort to address this challenge and to be a part of building a better health system, developed the **Lab Interoperability Module (LIM)**-a standardized interface engine, gateway and a clearing-house that enables seamless connectivity between Labs and Physicians. LIM 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



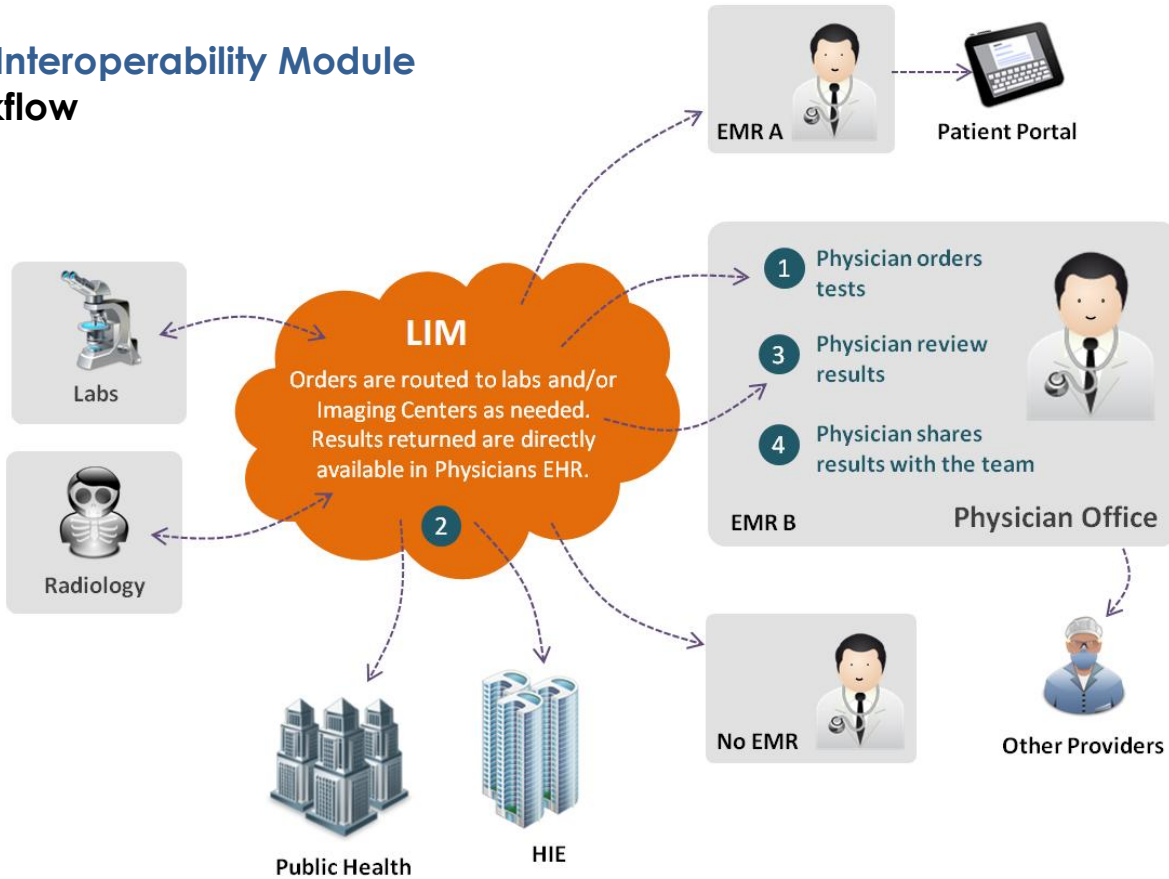
408-666-4320, 408-850-2243



services@visolve.com



LAB Interoperability Module workflow



1. Physician orders tests

Physician orders tests from his EMR, which LIM converts to HL7 standards, validates, and electronically and securely routes to labs and imaging centers.

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 directly available in the physicians EMR.

3. Physician reviews results

Standardized tests results are available in the physicians EMR against respective patient's record for review.

4. Physicians shares results with team

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

LIM Key Benefits

Labs can receive and send orders and results electronically to different EMR systems with a single interface—Save significantly on integration / implementation & training cost, effort and time

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 EMR with Order Tracking among other functionalities

Enables out reach and strengthen physician relationship for quality of care and improved business

Physicians without an EMR can also place orders with LIM portal

Securely, efficiently and effectively exchange patient information in standardized form to all those involved in the healthcare continuum

About ViSolve

ViSolve Is a leading **software services, product development** and **consulting** firm committed to serve Healthcare providers and Healthcare IT Vendors by providing customized inter operable and vendor neutral healthcare IT solutions and services.

Demo Links

Click the link to view the demo of LIM portal:
<http://demo.visolve.com/lim-portal>

Click the link to view the Bidirectional OpenEMR LabCorp demo:
<http://demo.visolve.com/lim-emr>



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