LABInteroperabilityModule
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 **singlebi-directionalinterface**.

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.
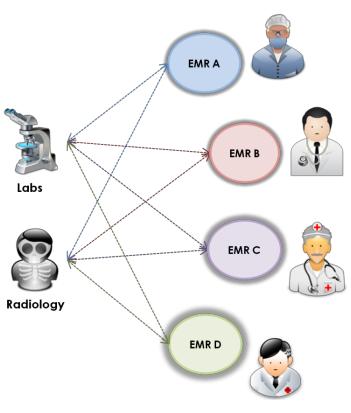
As 70% of the clinical decisions are based on lab tests, interfacing labs with EMR systems is a pre-requisite to establish connectivity with healthcare providers to improve workflow, productivity and quality of care.

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 facedby Laboratories and Imaging Centers is interfacing. As hundreds of certified EMR systems are available in the market, Interfacing with them is not only cumber some, expensive and effort intensive but can even pressure small labs out of business.
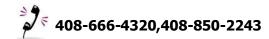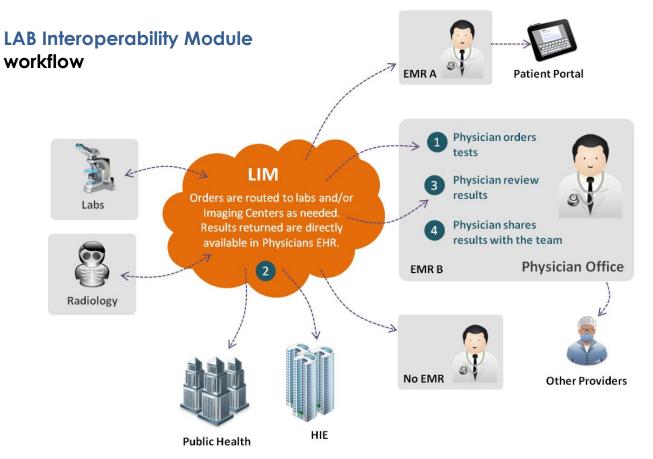
Point-to-Point Interface

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.

408-666-4320,408-850-2243

services@visolve.com

ViSolve
Open Source Solutions

LAB Interoperability Module
workflow

EMR A — Patient Portal

LIM
Orders are routed to labs and/or Imaging Centers as needed. Results returned are directly available in Physicians EHR.

Labs

Radiology

Public Health

HIE

1. Physician orders tests
3. Physician review results
4. Physician shares results with the team

EMR B — **Physician Office**

No EMR — Other Providers

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

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. Physician shares results with team
For improved patientcare, physiciancan securely forward lab results to other providers. Results can also be made available for patients through the patient portal.

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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