



ViSolve Healthcare IT Professional Services

ViSolve: Corporate Overview



Who we are?

17+ years of product development, software services and consulting experience in the Enterprise IT and Healthcare IT domains with a focus on open source and leading-edge technologies

- Established in 1995
- Head Quartered in San Jose, California
- Low cost offshore development and support center in Coimbatore, India
- Multimillion dollar operation
- US and India based highly skilled technical professionals

What we do?

- *Solutions* –
 - **Lab Interoperability Hub** – Connecting different Labs and Physicians with a single interface
- *Services* –
 - **EMR support** - Open source based EMR customization, development, implementation and support
 - **Healthcare Interoperability** – Connecting disparate systems with standards based communication protocols
 - **Healthcare IT Software Engineering** – 15+ years of product development experience based on open source technologies
 - **Monitoring, management and Support** as a service
 - **Technical Documentation and QA**
- Leading contributor to the open source community
- Board Member of OpenEMR - one of the leading Open Source EMR and a member of HIMSS
- Strong relationship with HP's product development, global pre-sales and support teams

Who we serve?

We are committed to serve

- Physician Practices
- Laboratories & Imaging Centers
- Healthcare IT Vendors
- Medical Device Companies
- System Integrators

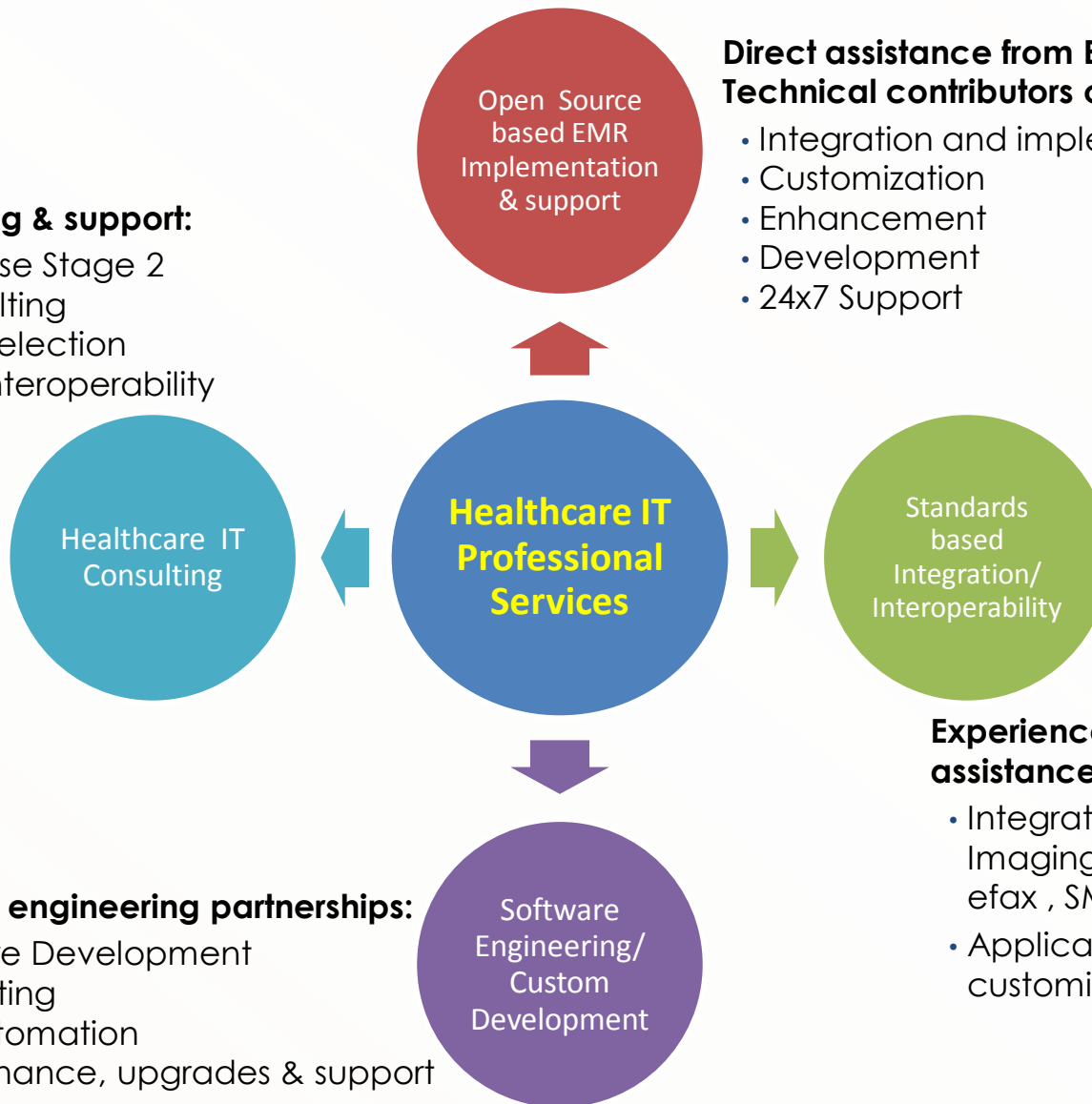
Our Focus

Establish long-term engineering partnership to develop, customize, enhance, integrate, implement and support healthcare IT software products based on cutting-edge technologies with a focus on open-source

Key Offerings: Professional Services

Expert consulting & support:

- Meaningful Use Stage 2
- ICD-10 consulting
- Technology selection
- Healthcare interoperability



Direct assistance from Board Members and Technical contributors of OpenEMR:

- Integration and implementation
- Customization
- Enhancement
- Development
- 24x7 Support

Experienced Professionals for assistance:

- Integration – EMR, PMS, Labs, Imaging centers, ePrescription, efax , SMS gateway, etc.,
- Application consulting & customization

Long-term engineering partnerships:

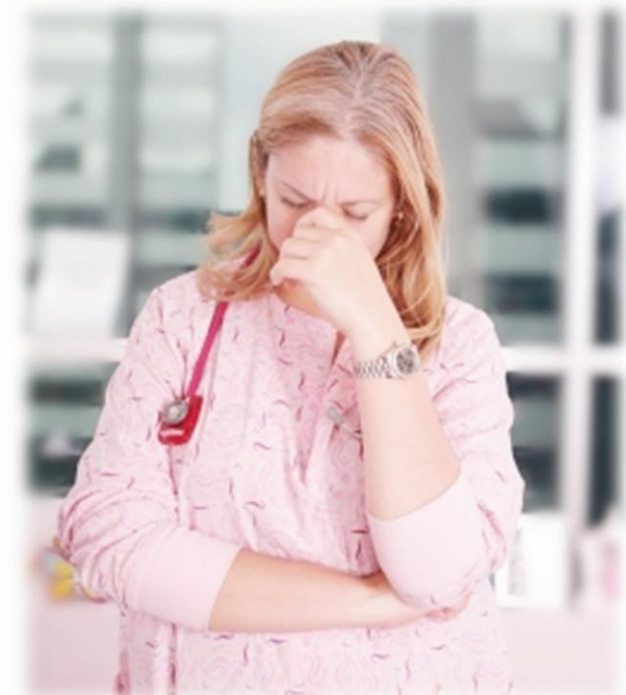
- Software Development
- QA/Testing
- Test Automation
- Maintenance, upgrades & support

Challenges

- Hundreds of distinct clinical applications in the market
- Disparate clinical applications used by healthcare organizations
- Implementation issues
- Need for significant customization
- Integration & interoperability issues
- Timeline & cost

To be successful, Health IT vendors, Physician Practices, Labs, Imaging Centers, Medical Device Manufacturers, etc., all require assistance in the Healthcare IT implementation, customization, integration & support.

The key to success is timely availability of flexible, scalable and experienced professional services team.



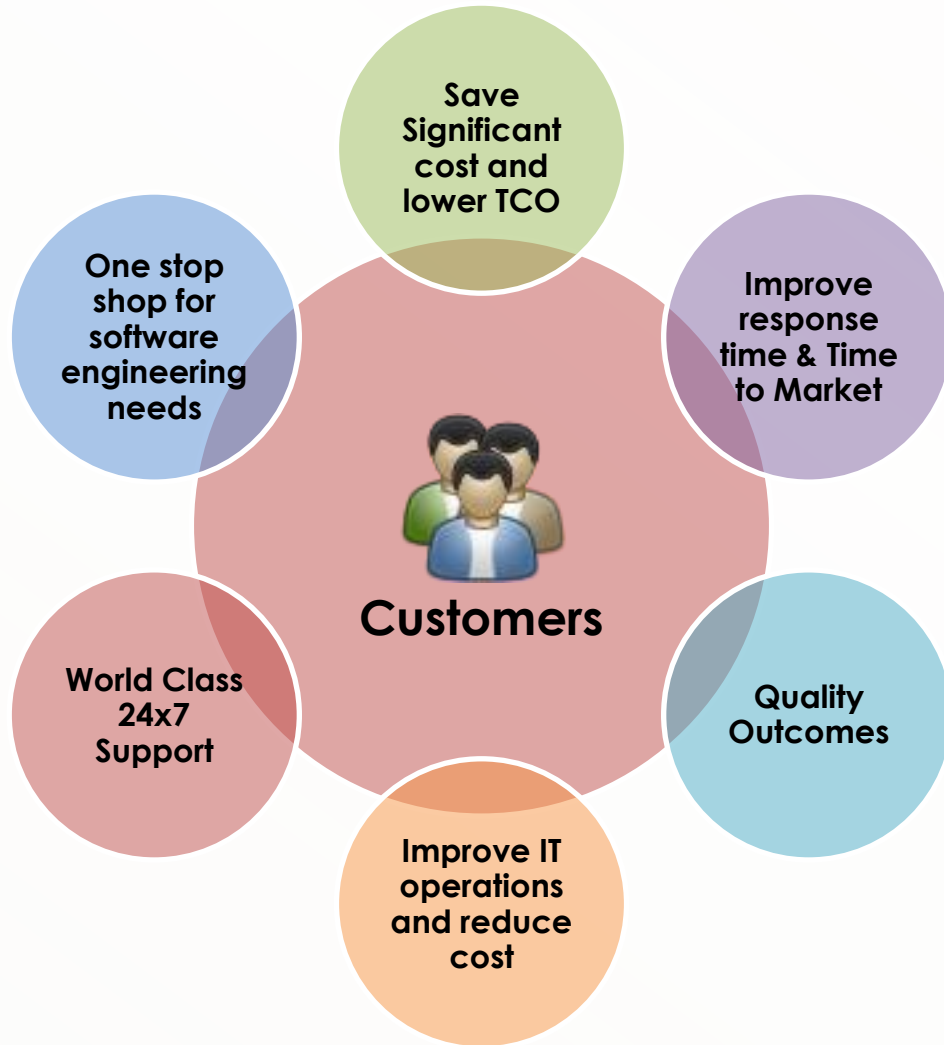
What ViSolve's Professional Services Team Can Do For You?



ViSolve offers comprehensive professional support services from implementation to support of HIT applications to meet Health IT needs as per federal norms.

Value Proposition

“ViSolve is committed to each of our customers success and for over 17+ years our services have helped them meet their business objectives.”



- Capability to deliver from planning, assessment, software product engineering to QA, documentation, training and roll-out
- Expertise in Open Source and Proprietary Solutions; Low cost offshore development center
- Ready to deploy experienced Healthcare domain and technical experts
- Enterprise IT experts experienced in leading-edge technologies to manage, monitor and support your IT infrastructure
- Flexibility in assignments; customizable support models; 24x7 service delivery

ViSolve Partnership Models

System Vendors

- Development Projects
- Pre-sales Support
- Product Support
- Typically Project or Annual Contract Model

Distributors/Resellers/ System Integrators

- Extension of Bench
- Fixed Price subcontractor
- Co-operative or “in-house badge” model
- Co-marketing through Events, Webinars etc.
- Engineering Resource
- Project and Retainer Contract Models

Sample Engineering Skill-sets

Skill-sets	Tools / Technologies
Operating System	Linux, HPUX, FreeBSD, Solaris
Development/Scripting Languages/Tools	Java, J2EE - JSF, EJB, JMS, Hibernate, XML, RESTful, HAPI (library), C, C++, C#, Eclipse, Log4j, Python, Perl
Source Code Management	Git, SubVersion
Web Development	PHP, Ajax, JQuery, .Net
Content Management	Drupal, Wordpress, CMSMS, MS SharePoint, phpBB
Unit testing and code coverage	PHPUnit, Simpletest, Junit, EMMA, Coder
Code standards	Checkstyle
Continuous integration tools	Jenkins
Automation	Expect, Bash Shell, Korn Shell
Testing	Jmeter, Manual testing, automation (Selenium), Bug Tracking – Jira, ActiveCollab
MUO	NIST Testing Tools (HL7, CCR, CCD) & Procedures
Database	MySql, Postgres, MongoDB, Oracle, MS SQL Server
Reporting Tools and Log Management	SQL Server Reporting Services (SSRS), Crystal reports, Pentaho, Xcelcius, Graylog
Protocols	Implementation expertise in OpenSplice DDS and websocket for medical device connectivity and communication
Security Tools	Nmap, Snort, Iptables, Tripwire and Tcpdump
Project Management (PMP Certified Engineers)	ActiveCollab, Microsoft Project
Documentation	Microsoft Office, Adobe - FrameMaker, InDesign, RoboHelp, Dreamweaver, XML/DITA, XMetaL, GRAPHICS, Photoshop and Illustrator

Sample Mobile Application Skill sets

iOS –

- Strong OO design and programming skills in Objective-C
- Expertise with iOS SDK (UIKit, Cocoa Touch, Core Data, Core Location, etc)
- Xcode

Android –

- Strong OO design and programming skills in Java (J2EE/J2ME)
- Expertise with Android SDK
- Knowledge of SQLite, MySQL
- Eclipse

Related skill sets -

- 17 years of LAMP development experience
- PHP frameworks (Kohana, Zend, Cakephp, Codeigniter, Xcode, Cocoa)
- PHP template engines (e.g. Smarty)
- Experience in Content management system
- Experience working in a publishing environment (Concentra for HP)

Others -

- Good understanding of compiled languages
- Web service integration (SOAP, REST)
- Expertise in HTML5, JavaScript, jQuery, Ajax and PHP
- Experience building web and native apps
- Experience using social media APIs
- Ads integration using a 3rd party ad server (DART)
- Version control (SVN, Git, etc.,)
- Excellent debugging and optimization skills



Sample Healthcare IT Skill-sets

Skill-sets	Tools / Technologies
Expertise	Knowledge in Meaningful Use, ONC Certification, HIT Test Procedures, HIPAA Compliance, NIST HL7/CCR/CCD/TTT validation tools
Interoperability Standards	HL7, HL7-RIM, DICOM, CCR, CCD, Direct
Interoperability Tools	Mirth Connect, Laika
IHE Profiles	XDS, PIX, PDQ, ATNA Open Health tools: Openxds, Openpixpdq, openatna and bridge
Vocabulary Standards	HL7, ICD-9, ICD -10, SNOMED, RxNORM, LOINC, CPT4, etc.
EHR Exposure	OpenEMR, Vista, Clearhealth, OSCAR, MyOSCAR, Patientos, Tolven, SimplifyMD, and eClinical Works
Healthcare Consulting	MU – HIT Testing Tools & Procedures

Some of our Healthcare Customer Projects

Service Line	Customer	Services Offered
Software Engineering	Hospital EHR Vendors	<ul style="list-style-type: none"> • Customizing Reproductive Health Facility • HL7 Message Generations • Implementing MU Objectives
	Specialty Physician Practices	<ul style="list-style-type: none"> • Workflow Optimizations • Customizing forms for Ophthalmology, Occupational Practice and more • GUI Customizations • MU Consulting
	EHR Vendors	<ul style="list-style-type: none"> • Product Development enhancements, Quality Assurance
Healthcare Interoperability	Hospital Laboratory and affiliated Physician Practices	<ul style="list-style-type: none"> • Integrating the Lab Results from Laboratory to Ambulatory EHR
	Medical Billing and EHR Technology Vendor	<ul style="list-style-type: none"> • Integrating PMS with EHR • Setting up SSO between PMS and EHR
	Medical Device Vendor	<ul style="list-style-type: none"> • Medical device gateway • Data generator • Data analytical tool
Healthcare Consulting	Healthcare Technology Product Vendors	<ul style="list-style-type: none"> • GAP Analysis of EMR/EHR against MU Standards • Consulting, customization, demonstration of MU Compliance to ONC-ATCBs
Documentation	Healthcare Technology Product Vendors	<ul style="list-style-type: none"> • User Documentation • User Manuals, Administrator Guides • Product Documentation • Software Requirement Specifications, Product Data Sheets

Some of our Clients

F1000 companies, Technology Vendors, System Integrators and Healthcare IT Organizations



Healthcare IT Services:

What our customers has to say?



Specialty based Customized EHR Deployment

Your customization work to suit my specialty workflow is terrific. Your knowledge on MUO, deployment-go live time frame, customer responsiveness in service is amazing.

- Leading Ophthalmology Practice based in Georgia

Interoperability Service: HL7 Integration

Manually submitting and entering lab reports was cumbersome, erroneous both on the Hospital Laboratory and the Physician Practice. Now Patient care is much safer and easier. Appreciate your outstanding commitment and domain expertise and response time.

- Systems Integrator, Hospital Lab & Cardiology Practice

Engineering Services

I've seen some very nice (I mean VERY nice) test case documents from you on some of the TRIM testing to persist data. I probably should have mentioned this before, but I really appreciated that. "And your debugging capabilities has been excellent".

- CTO, Popular EHR Vendor

Technical Services:

What our customers has to say?



Cloud

Please accept my thanks to you and your team on the great work performed on this project. From my conversations with our technical head, all went very well with our recent event and we are well positioned to continue development of our Cloud Center of Excellence.

- Product Manager, Leading System Vendor

Virtualization

I understand that what I asked of the team this week involved huge changes, and once again they have risen to the task, I know the hardware changes have led to some challenges, so the key now, is to get the basic and important demos operational and then complete the rest over time. Matrix is the key, and then SG would be my preference.

So a HUGE thank you to the team their dedication to the task at hand.

- Program Manager, Global Presales, World Leading System Vendor

Engineering Services/Consultation

Good work and thank you. I am really happy with the quick turnaround time and prompt support.

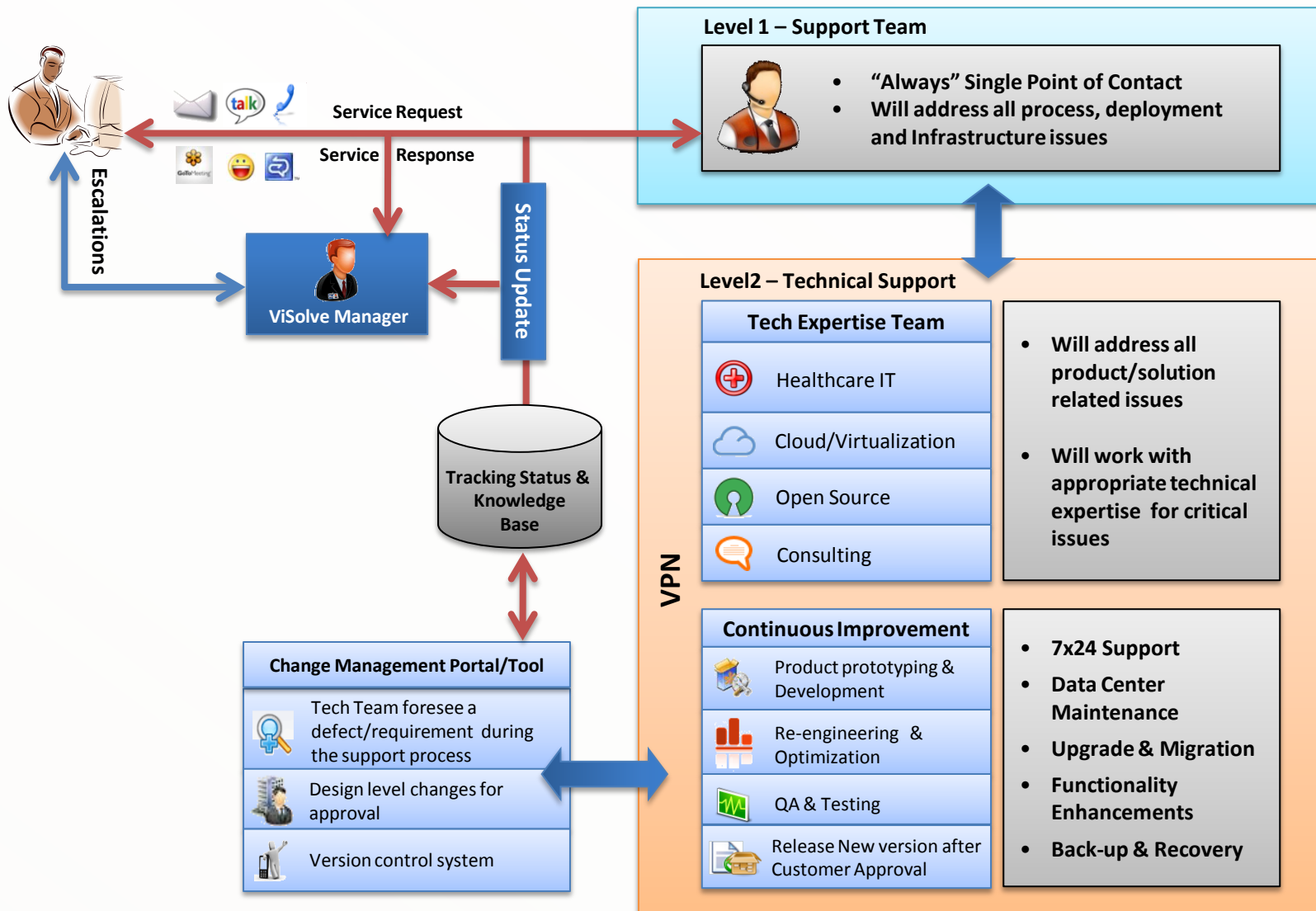
- Director, Business Intelligence Analytics

ViSolve & HP

Long-standing business partnership - 12+ years!

- Long-standing relationship with HP product development and HP World-Wide Pre-Sales organizations
- Responsible for 7x24 support and maintenance of HP Converged Infrastructure demo environments across the globe
- Secured communication infrastructure via VPN for 7x24 access and customer support
- Well integrated into HP Processes (SPLC, Quality Management, Release Management, QA Testing and Solution Support)
- Successfully completed several milestone projects with HP for over 12 years

24x7 Customer Support Model



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