

# ViSolve Healthcare IT

A division of ViSolve, Inc.

*Enabling improved business value for Healthcare IT Providers*

# 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 engineering to QA, documentation, training and roll-out
- Expertise on Open Source and Proprietary Solutions; Offshore development center
- Experienced Healthcare domain and technical experts; Ready to deploy trained available and scalable based on customer project needs
- 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

# Sample Engineering Team Skill-sets

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



# Sample Healthcare IT Skill-sets

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

# Some of our Healthcare Customer Projects

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

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