

## Laboratory Information System (LIS) Vendor Survey Results

In March 2011 the LIS Vendor workgroup sent the survey listed in Appendix 1 to LIS Vendors. Vendor names were collected from a recent College of American Pathologists (CAP) Today November 2010 Laboratory Information Systems listing and additional vendor names for public laboratories were provided by the Association of Public Health Laboratories (APHL). Out of some 33 survey requests, 29 surveys were returned and included the following companies:

Antek Healthware, Cerner, ClinLab, Common Cents Systems, Comp Pro Med, CPSI, CSS (Computer Service and Support), Custom Software Systems, Diamond Computing, Eclipsys, Elekta Impac Software, Entre Technology Group, Epic, Hex Laboratory Systems, LabSoft, McKesson, Medical Information Technology, NetLims, Orchard Software, Psyche Systems, Quality Software Systems, SCC Soft Computer, Schuyler House, Siemens Medical, STARLiMS, Sunquest Information Systems, Technidata America Medical Software, Thermo Fisher Scientific, Data Unlimited International, Inc., PathCentral (Formerly eTeleNext), Allscripts, Merge Healthcare (acquired assets of Fletcher Flora)

Most of the surveys were filled out by executives in the LIS Vendor's company and most provided contact information for future reference.

<b>Prior to this survey, was your company aware of the July 28, 2010, Center for Medicare and Medicaid Services (CMS) "meaningful use" regulations that specify requirements/standards for electronic laboratory reporting to public health?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	90.0%	27
No	10.0%	3

<b>Does your company currently have or plan to develop software as part of your LIS that will identify and message reportable laboratory results to public health?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	93.3%	28
No	6.7%	2

<b>Does your company have an alternate plan to help your clients fulfill the CMS meaningful use requirement by an alternative mechanism (i.e., other than building this functionality into the LIS)?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	33.3%	1
No	66.7%	2

<b>Please describe your alternate plan:</b>	
<b>Answer Options</b>	<b>Response Count</b>
Product provides a data export function which allows clients to output any necessary data and we plan to inform clients of data export capability.	1
<i>answered question</i>	<b>1</b>
<i>skipped question</i>	<b>29</b>

<b>Prior to this survey, were your developers aware of the HL7-approved Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1, version 2.5.1?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	79.3%	23
No	20.7%	6

<b>Have your developers encountered questions/problems with the above cited implementation guide which warrant clarification with specialists involved in development/deployment of these systems?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	10.3%	3
No	89.7%	26

<b>Which of the following secure messaging options will you incorporate as a component of your electronic lab reporting system? Please check all that apply:</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
PHIN-MS	14.8%	4
NHIN Direct	14.8%	4
Active encryption	33.3%	9
Certificates (state and other authorities)	37.0%	10
VPN	77.8%	21
SSL	63.0%	17
sFTP	51.9%	14
Other	22.2%	6
<i>answered question</i>		<b>27</b>
<i>skipped question</i>		<b>3</b>

<b>Has any laboratory client used your LIS ELR software solution to deploy an interface delivering automated electronic laboratory reports to a public health agency consistent with the meaningful use incentive program?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	55.6%	15
No	44.4%	12

<b>Could you arrange for us to contact one of your lab clients to understand how their ELR system works and any issues involved in its deployment? (If your response is "yes," we will make arrangements with you to address this.)</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	84.6%	11
No	15.4%	2

<b>Would your company be interested in partnering with a public health jurisdiction in which a lab using your LIS software is located, for the purpose of piloting/testing your automated electronic lab reporting software's functionality?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	84.0%	21
No	16.0%	4

<b>Would your company be interested in participating in a workshop during 2011 that would include all stakeholders necessary to conduct end-to-end testing of your ELR software solution?</b>		
<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	84.0%	21
No	16.0%	4