

Orchard Laboratory Information Systems – Public Health Laboratories

Orchard® Harvest™ and Orchard® Copia® can address the advanced IT needs of a diverse testing menu and eliminate many of the concerns public health laboratories (PHLs) face regarding electronic lab reporting. Offering complete lab system integration, decision-support rule capability, configurable analytics, and case management tools, Orchard Software’s systems allow PHLs to track both clinical and environmental test data.



Systems Integration: A Top Priority

Today’s PHL faces an ever-increasing need for flexibility and electronic connectivity that enables real-time response to public health concerns. Orchard provides the tools needed to meet the integration goals set by the CDC and state and county health departments. Orchard’s solutions are ONC-certified and compliant with HL7 standards, allowing laboratories to electronically report results to the state’s surveillance system to monitor critical data in a timely manner.

In addition, Orchard has successfully interfaced a multitude of billing and practice management systems,

EHRs/HISs, reference laboratories, and instruments, including microbiology and confirmatory testing analyzers.

Laboratory Response Network Integration

Orchard has developed an electronic interface to the CDC’s Public Health Information Network Messaging System (PHIN MS) with a variety of possible deployment options. This interface enables Laboratory Response Network (LRN) labs to report their results to the CDC electronically to quickly recognize, rule out, or refer potential bioterror agents.

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Support for Diverse Testing Menu

Orchard's systems provide the flexibility required by the diverse testing menu found in the PHL environment, enabling the laboratory to manage testing for suspected cases of infectious and environmental diseases. Orchard's software systems' adaptability accommodates parameters needed for esoteric sample types, ranging from water or food to tick testing for rabies.

Decision-support Rules & Lab Analytics

Advanced decision-support rules enable the systematic development of decision trees and algorithms for reflex testing, results routing, charge capture, and test interpretation. Additionally, Orchard® Harvest™ Microbiology supports specialized microbiology testing, decision-support algorithms and protocols, and configurable worksheets for esoteric testing. Data mining and analytics enable monitoring and documentation of compliance activities and reporting of inconsistent findings for corrective actions.

Call us today to learn how Orchard can support your public health laboratory!