

Public Health Laboratories

Orchard's Laboratory Information Management System solutions can address the advanced technology needs of a diverse testing menu and eliminate many of the concerns public health laboratories (PHLs) face regarding electronic lab reporting.

ELR Integration to Support Reporting Requirements

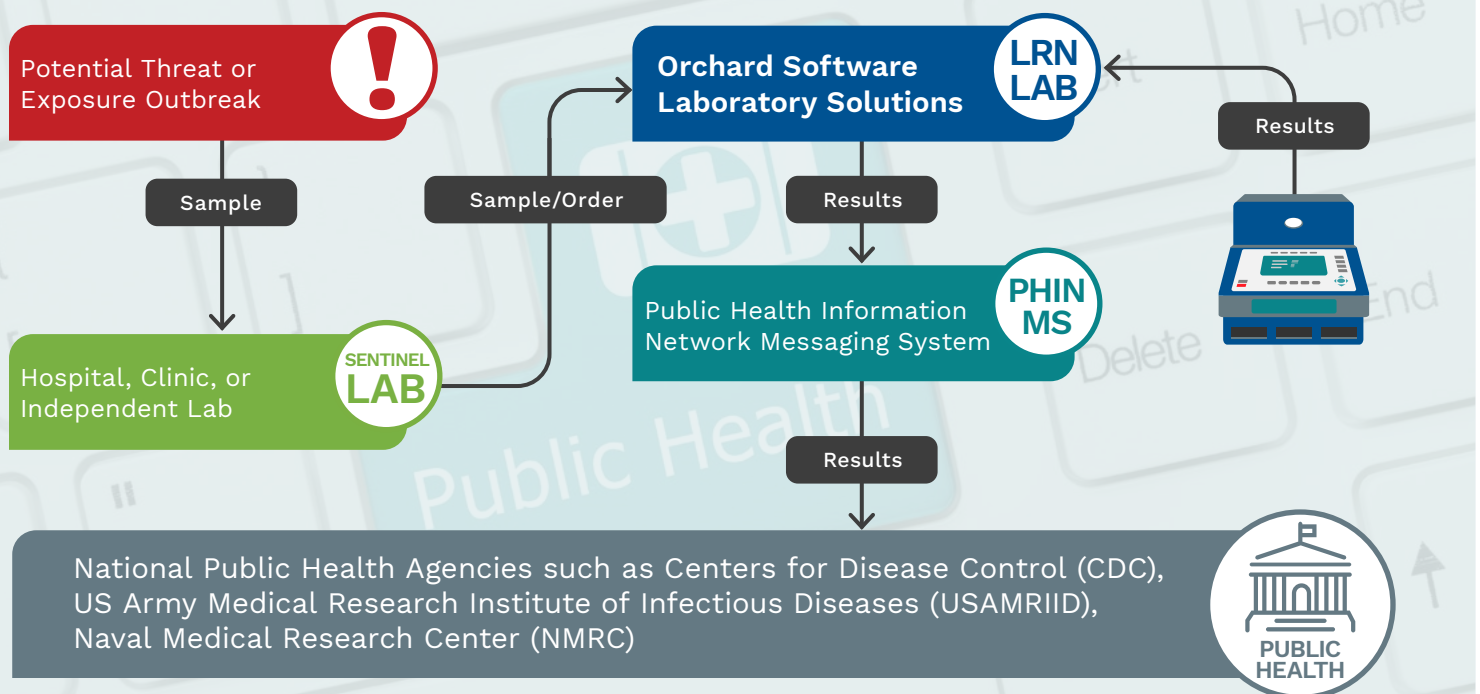
- Orchard offers electronic laboratory reporting (ELR) interfaces to link laboratories to public health entities and automate the transmission of laboratory data for reportable conditions
- Orchard's solutions are ONC-certified and compliant with HL7 standards, allowing laboratories to electronically report results to the state's surveillance system to monitor critical data in a timely manner



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 biothreat agents

Essential Data Interoperability Specific to Public Health Labs



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
- Data mining and analytics enable monitoring and documentation of compliance activities and reporting of inconsistent findings for corrective actions



Complete equipment
integration and system
interoperability



Advanced configurable
decision-support rule
capability



Sophisticated data
mining & business
analytic tools



Flexible case
management tools

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

