

# Orchard<sup>®</sup> Enterprise Lab<sup>™</sup>

Enterprise-level LIS Designed to Empower Laboratories



## Comprehensive Laboratory Information System

Orchard Software understands that laboratory data is essential to deliver patient-centered care and has focused 25-plus years of laboratory industry knowledge on the development of an enterprise-class laboratory information system (LIS). Orchard Enterprise Lab is designed to support high-volume, complex laboratories by incorporating the diagnostic innovations in pace with the changes taking place in healthcare.

### Configurable Workflow Management for Enterprise-level Labs

Orchard Enterprise Lab is designed with maximum flexibility and configurability to support unique workflows across various laboratory scenarios. The solution can expertly assist with laboratory workflow, from interfacing to automation lines to remote point-of-care testing. Users can create unique workflows to accommodate specific needs for each laboratory and type of testing.



#### Advanced Hematology Management

Offers a dynamic result screen tailored specifically for the Hematologist to increase efficiency when reviewing results.



#### Integrated microbiology module

Provides comprehensive tools for performing culture workup and dynamic reporting, including efficiencies via batch workup and automation.



#### Integrated Anatomic Pathology

Integrates pathology in the LIS, allowing consolidated reporting and comprehensive data analytics.



#### Integrated toxicology

Includes advanced case management tools and configurability specific to toxicology and pain management laboratories.

## Auditable Specimen Tracking From Collection to Reporting

The sample tracking features organize and track the flow and storage of laboratory samples and specimens throughout the testing process to facilitate quicker, easier retrieval.



## Tailored Patient Reports & Robust Reporting Options

Orchard Enterprise Lab offers multiple report and delivery options, including tools to create multiple custom report formats. The sophisticated rules engine allows for configurable delivery options, including HL7, email, web delivery, and faxing.

## Superior Lab Networking & Outreach Capabilities

Orchard Enterprise Lab is cloud-enabled, allowing access to the system via a browser-based user interface that supports an Internet connection from any location.

## Web-based & SQL-based Platform

Orchard Enterprise Lab utilizes a Microsoft SQL Server database to provide high-volume, high-velocity solutions to support large laboratories and healthcare systems.



# Robust Integration & Interfacing Engine

Orchard Enterprise Lab's proven interface engine simplifies interoperability and integration via HL7 standards to connect data across the continuum of care.

## Automation, Analyzer, & Host Interfaces

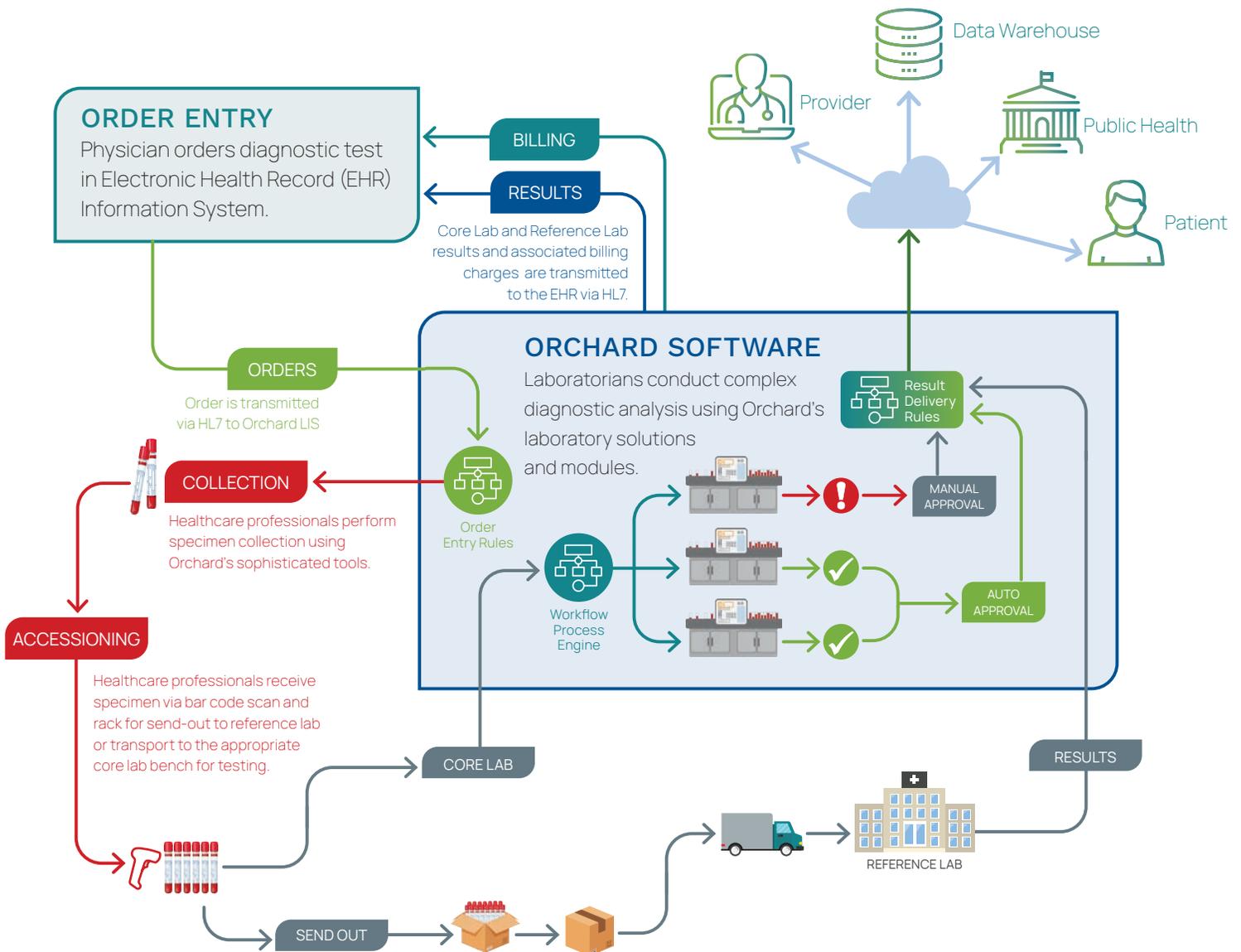
Orchard Enterprise Lab allows for seamless integration to automation lines, laboratory analyzers, EHRs, HIEs, and any other industry-relevant organization (e.g., CDC, Department of Health, etc.). Orchard is an expert in integration and interfacing, with more than 25 years of experience.



Scan Here to View Supported Interfaces!

## Training to Build & Manage Your Own Interfaces

Orchard offers training classes that teach the concepts and skills required to allow users to build and manage their HL7 interfaces. Learn how to customize your own interfaces and manage integration on your timeline to ultimately reduce costs.



## Sophisticated Rules & Superior Analytics

Orchard Enterprise Lab enables a flexible, patient-centered approach to rule design and implementation that promotes accurate decisions, improves workflow efficiency, and reduces errors. Create a specialized workflow that accommodates high-volume testing and enables efficient and accurate delivery of patient results.

## Rules Manage Workflow Through the Total Testing Process

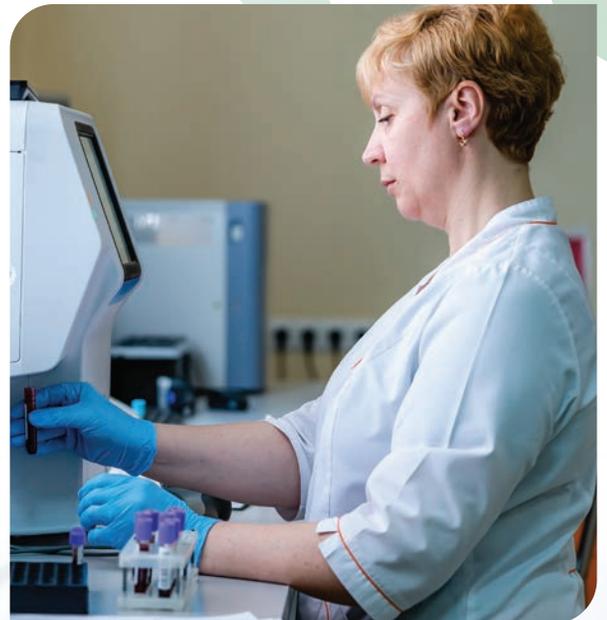
Orchard Enterprise Lab's leading-edge, logical rule sequencing and sophisticated filter options make rule design intuitive, easy to understand, and simple to build. Decision-support rules allow users to work closely with ordering providers to eliminate obsolete testing, avoid unnecessary test combinations, and eliminate non-value added tests, contributing to overall improvements in the quality of patient care.

## Autoverification with "Quick Suspend"

The solution helps solve complex workflow problems and eliminate inefficiencies while enabling quicker delivery of results. For instance, laboratory personnel can instantly suspend autoverification by instrument when needed without tampering with rules or accessing administrative menus.

## Personnel Security Management

Configurable advanced security options throughout the solution allow system administrators to track user actions, regulate password security setup, and control access to specified areas within the system.



## Transform Data into Valuable Laboratory Analytics

Orchard Enterprise Lab incorporates advanced tools and decision support to measure performance, improve productivity, and generate valuable business analytics. Available on a real-time basis, track key performance indicators that contribute to consistent and superior service for providers and patients.



## Modules to Extend the Lab's Reach

Orchard Enterprise Lab is designed with the utmost flexibility and scalability to accommodate large volumes of laboratory testing across multiple laboratories and departments performing clinical, microbiology, and pathology testing. In addition, Orchard Enterprise Lab's configurability makes it ideal for unique laboratory situations such as public health laboratories, toxicology and pain management, and veterinary laboratories.



### Integrated POCT

To take point-of-care testing (POCT) management to an advanced level, Orchard® Point-of-Care™ is available for greater control of your POCT activities from your central lab, including tracking of personnel certifications and remote management of devices.

### Integrated Client Services Support

With the Orchard® Outreach™ Client Services module, client services support tools enable users to provide superior customer support to their clients.



### Orchard Collect: Positive Patient ID (PPID) Collection Solution

For patient bedside specimen collection, Orchard offers Orchard® Collect™, a bedside PPID collection tool that combines use of a tablet, bar code scanner, and wireless printer to organize and confirm accurate laboratory specimen collection. The solution offers a comprehensive, interactive collection list and advanced patient ID safety features to increase efficiency and accuracy.



### Microbiology Module

Orchard's systems' electronic microbiology worksheets are intuitive and easy to use, save time, and simplify data management. Orchard's systems use HL7 interfacing requirements and standards-based information architecture to electronically report test results to health departments, state surveillance systems, and the CDC.



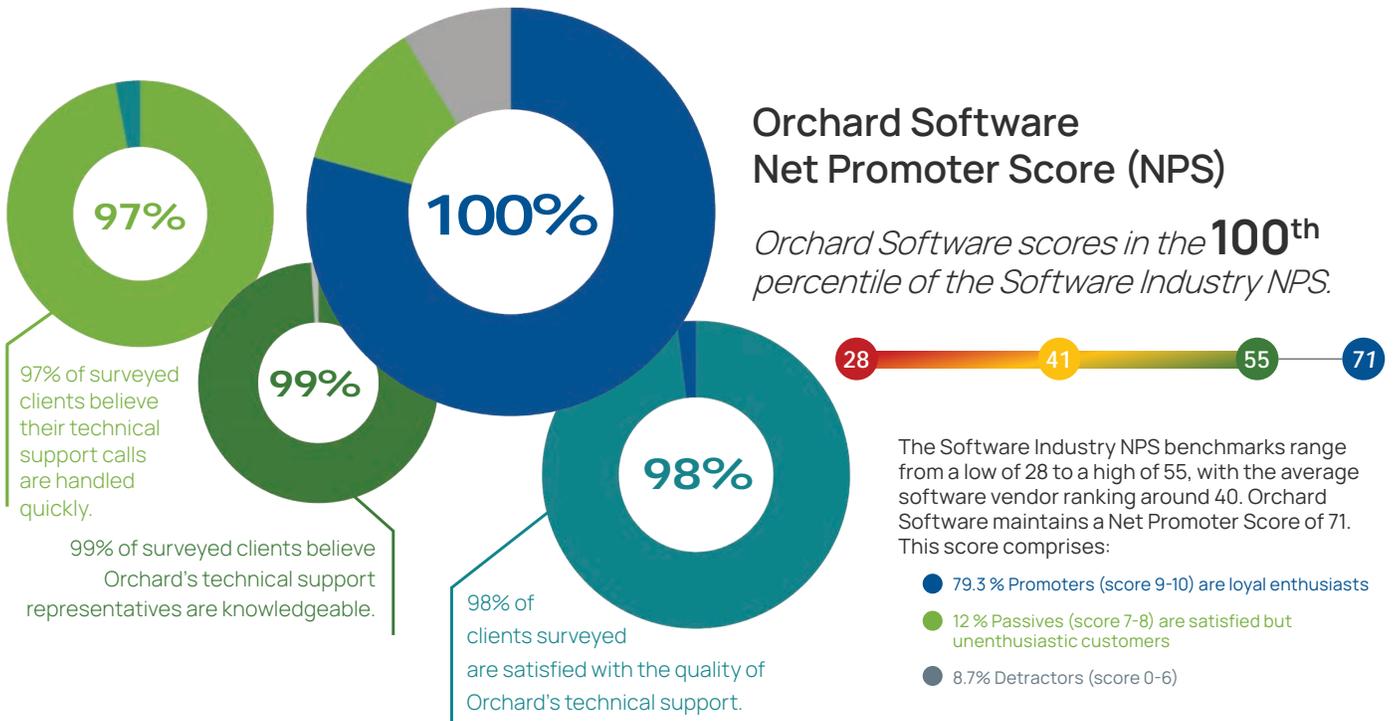
## Steadfast Focus on Customers

Throughout years of LIS innovation, Orchard's strategic direction has been driven by our customers, our prospective customers, and the future needs we foresee within the healthcare marketplace. Our products constantly evolve, directed by customer input and feedback. We look to the future in anticipation, developing our software to support the current trends shaping the diagnostic industry and its role in improving patient care.



### Superior Support

- One-on-one technical assistance from our highly proficient support team, located in Carmel, Indiana, is available 24/7/365.
- Several levels of support are available allowing users to select the best-suited option.
- System Administration training is available to help keep your products running at maximum efficiency.
- Software upgrades are included as a part of all of our support options.



**We're eager to partner with you on your ongoing mission to elevate patient care.**

**Give us a call today to find out how Orchard's solutions and services can increase the value to your patient community.**

# A “Must Read” for Healthcare Leaders

As a laboratory industry thought leader, Orchard offers a white paper series featuring the latest industry-related topics to keep our readers up to date.

Download our informative white papers at  
[www.orchardsoft.com/whitepapers](http://www.orchardsoft.com/whitepapers).



701 Congressional Blvd., Suite 360  
Carmel, Indiana 46032  
[www.orchardsoft.com](http://www.orchardsoft.com)  
(800) 856-1948

**ORCHARD**  
Software 