



Orchard Software

A top-rated Laboratory Information System (LIS) that automates and streamlines complex workflows for clinical, molecular, and anatomic pathology labs.

<https://www.orchardsoft.com/>

Overview

Orchard Software is a long-standing leader in the Laboratory Information System (LIS) industry, offering a suite of solutions including Orchard Harvest LIS, Orchard Enterprise Lab, Orchard Enterprise Pathology, and Orchard Molecular. The software is designed to maximize process automation and decision-support technology to improve workflow efficiency, reduce errors, and increase the value of lab services to providers and patients.

Key Features and Capabilities: Orchard's solutions are highly configurable and rules-based, allowing laboratories to define 'if-then' scenarios tailored to their specific needs, which fosters consistency, simplifies staff training, and improves productivity. Core functionality includes comprehensive lab order management, auditable specimen tracking from collection to reporting, and advanced quality control (QC) tools like Levey-Jennings graphs and configurable Westgard Rules.

Integration and Deployment: Orchard is known for its extensive integration expertise, following HL7 protocols to connect with thousands of host systems (EHR/HIS), billing systems, outreach systems, laboratory analyzers, and reference labs (e.g., LabCorp, Mayo). Deployment options include both on-premise and a cost-effective, secure cloud-hosted environment (Orchard Cloud Services), which offers a 99.9% uptime guarantee and simplifies maintenance.

Target Market and Use Cases: Orchard serves a diverse client base, including physician-office laboratories (POLs), clinics, hospitals, independent reference labs, student health centers, veterinary labs, and public health organizations. Specialized modules support complex disciplines like molecular testing, anatomic pathology (APLIS), and toxicology.

Industry Recognition: Orchard Software has consistently been recognized for its excellence, securing the #1 client-rated LIS vendor position in the Black Book™ User Survey for seven consecutive years, with top scores in categories like Workflow Optimization, Predictive Analytics, and Implementation Effectiveness.

Key Features

- Rules-based Decision Support & Auto-verification
- Full LIS/LIMS Functionality (Clinical, Molecular, AP)
- Extensive EHR/Instrument Integration (HL7)
- Automated Workflow Management
- Orchard Copia Mobile Module for remote access
- Quality Control (QC) & Audit Trails
- Advanced Data Mining & Analytics
- Point-of-Care (POC) Device Management

Pricing

Model: subscription

Subscription-based licensing, with Orchard Harvest LIS starting around \$500 per month for a single user. Implementation, interface, and customization costs are additional and vary by laboratory complexity.

Starting at: USD \$500

Target Company Size: small, medium, enterprise

Integrations

EHR/HIS Systems (e.g., Allscripts, athenaClinicals), Laboratory Analyzers & Automation Lines, Billing Systems, Reference Laboratories (e.g., LabCorp, Mayo), State Surveillance Systems (e.g., CDC, Health Departments)

Compliance & Certifications

HIPAA, ONC Health IT Certified

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