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Helping enable healthier and safer communities

# Cloud-hosted LIS environment designed to support security, reliability, and operational continuity

Clinisys™
**Orchard®**

Laboratories face evolving cybersecurity risks, infrastructure demands, and limited IT resources. Managing an LIS environment can require substantial internal expertise and ongoing maintenance. Cloud-hosted deployment models can help organizations reduce infrastructure management demands while supporting operational flexibility, remote access, and future growth initiatives.

Clinisys™ Orchard® cloud services provide a cloud-hosted environment designed to support security, reliability, operational resilience, and efficient system administration. Built on modern cloud technology and Clinisys's laboratory informatics expertise, the environment is designed to support secure, role-appropriate access to laboratory information while providing deployment flexibility aligned with organizational requirements.

As laboratory organizations evaluate growth initiatives, technology modernization, expanded testing programs, and evolving operational requirements, cloud-hosted environments can help provide a scalable foundation that supports change without requiring significant investment in on-premises infrastructure. This allows organizations to focus more of their resources on laboratory operations, service delivery, and future priorities.

## Benefits of Clinisys™ Orchard® cloud services

Clinisys™ Orchard® cloud services help simplify IT administration while supporting secure, reliable access to critical laboratory systems.

### Support system reliability

- Helps support system availability with a cloud environment built on Amazon Web Services (AWS) infrastructure and designed with redundancy across production systems.
- Organizations benefit from service levels and operational practices designed to support high system availability, with uptime commitments defined in applicable service agreements.

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| **Strengthen security and compliance** | • Continuous security event monitoring<br>• Vulnerability scanning and threat protection<br>• Endpoint detection and response capabilities<br>• Isolated customer environments and controlled application access | • Disaster recovery planning that supports business continuity goals<br>• Technology architectures designed to support customer security and regulatory compliance initiatives |
| **Support system performance** | • Managed operating system and database administration<br>• Support for application software updates | • Automated backup processes<br>• Ongoing technology updates and established operational practices |
| **Support cost predictability** | • Help reduce large upfront capital investments<br>• Help reduce the internal effort required to maintain infrastructure and supporting technologies | • Support a predictable fee structure<br>• Provide team access to a managed operating environment and test system |
| **Potential operational benefits** | • Help support security risk management through layered monitoring and protection measures<br>• Help support system and data availability | • Help reduce internal IT administrative demands<br>• Support more efficient routine maintenance through automation |

Clinisys™ Orchard® cloud services provide a scalable cloud-hosted environment that supports secure access to critical laboratory systems while helping organizations reduce IT management demands and focus on delivering quality laboratory services.

Learn more about how **Clinisys™ Orchard®** cloud services can support your laboratory operations.

**About Clinisys™**

Clinisys™ enables healthier and safer communities as a global provider of intelligent laboratory informatics solutions and expertise that redefine the modern laboratory across healthcare, life sciences, public health, and safety. Millions of laboratory results and data insights are generated every day using Clinisys's platform and cloud-based solutions in over 7,000 laboratories across 42 countries.

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