Laboratory Information Management System
Enabling effective and efficient pathology services

DXC Technology’s Laboratory Information Management System (LIMS) is a next-generation solution that helps pathology laboratories meet the evolving demands of the modern pathology service. DXC LIMS is designed from the ground up to provide leading-edge support. With a range of robust capabilities, users can scale and customise the solution to suit operational requirements and modify specific functions for explicit and local laboratory environments.

Management for the modern lab

DXC LIMS is a web-based solution that delivers a complete laboratory management system to all core pathology disciplines. DXC LIMS also includes a dedicated mortuary management component. The solution manages workflows, ensuring that staff performs all necessary checks and tasks prior to publishing results.

DXC LIMS allows laboratory employees to accurately record all activities in detail. Audit data can be used to monitor and analyse performance, enabling the implementation of best practices and “lean” workflows. Integrated business intelligence tools and clinical dashboards support real-time laboratory performance monitoring.

DXC LIMS integrates with all clinical systems, analytical platforms and digital pathology solutions to ensure seamless order-and-results communication in all types of message protocols.

Key benefits

Pathology without walls

The web-based DXC LIMS is available anywhere in multi-campus, multi-site networks. All features can be accessed from anywhere in the laboratory, and intelligent routing allows workflow management across labs. The solution improves efficiency, facilitates remote working and decreases the IT footprint. It also prevents unnecessary duplicate testing, which reduces costs while increasing capacity and compliance.

Workflow-driven

The workflow-driven (not discipline driven) methodology facilitates standardisation, lean practices and multidisciplinary pathology. Deviations from defined workflows are highlighted or restricted, leading to improved efficiency and safety. Mandated workflows also improve governance. The intuitive, rules-based solution allows for configuration according to specific and local needs.
User friendly
Single-object and task-based focus reduces errors, facilitates governance, and increases efficiency and safety. Role-based access ensures that users receive the information, functionality and direction (according to workflow) they need to do their jobs.

Personalised
The user-configurable home page has live tile dashboards with personalised settings designed to meet the needs of the user and their role in the lab. This setup improves efficiency, safety and compliance, as well as facilitating proactive intervention when needed.

Meaningful oversight
Specimen/object tracking yields a complete audit and meaningful metrics. Users can gain insight into the overall efficiency of the laboratory and view bottlenecks in processing. This oversight enables improvements in efficiency, throughput, governance and safety.

Interoperable and compliant
The solution is interoperable with all laboratory instrumentation and clinical systems, as well electronic patient health records, e-ordering and results, pre-analytics, analytics, digital pathology, point of care and business intelligence tools. The fully compliant pathology testing functionality reduces costs, as third-party add-ons are not required.

Single view
The solution enables a holistic view of a patient’s entire pathology history, including results from multiple sites and historical DXC laboratory systems. This single view facilitates safety, efficiency and compliance.

Learn more at www.dxc.technology/LIMS

About DXC Technology
DXC Technology (DXC: NYSE) is the world’s leading independent, end-to-end IT services company, helping clients harness the power of innovation to thrive on change. Created by the merger of CSC and the Enterprise Services business of Hewlett Packard Enterprise, DXC Technology serves nearly 6,000 private and public sector clients across 70 countries. The company’s technology independence, global talent and extensive partner network combine to deliver powerful next-generation IT services and solutions. DXC Technology is recognised among the best corporate citizens globally. For more information, visit www.dxc.technology.