**Dedalus**

**DIAGNOSTIC**

# ENABLE EFFECTIVE AND EFFICIENT
# PATHOLOGY SERVICES

## LABORATORY INFORMATION MANAGEMENT SYSTEM

# MEET THE DEMANDS OF A **MODERN PATHOLOGY SERVICE**

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

# ENABLE EFFECTIVE PATHOLOGY

Dedalus LIMS is a web-based solution that manages laboratory testing for all core pathology disciplines, including a dedicated mortuary component. The system manages workflow, ensuring all necessary checks and measures are performed prior to publishing results. The solution enables detailed and accurate recording of all laboratory activities, ensuring efficiency and safety. Extensive and meaningful audit data allows laboratory performance to be monitored and analysed to enable best practices and Lean workflows.

Dedalus LIMS integrates with all clinical systems, analytical platforms and digital pathology solutions, enabling seamless ordering and prompt communication of all results to all destinations using all types of message protocols. Integrated business intelligence tools support real-time, laboratory performance monitoring and clinical dashboards.

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# MODERNISE, OPTIMISE, PERSONALISE

Dedalus LIMS provides many important features:

- **Multicampus, multisite, web-based solution** — As a web-based solution, Dedalus LIMS is available anywhere and can support multiple sites. Workflow management across labs is enabled with intelligent routing. This improves efficiency, facilitates remote working, lowers costs and reduces the IT footprint.

- **Configurable workflow engine** — Our workflow-driven (not discipline-driven) methodology facilitates standardisation, LEAN practices, optimisation and multidisciplinary pathology. Deviations from defined workflows are highlighted or restricted, leading to improved efficiency and safety. Mandated workflows improve governance and safety.

- **Single object focus** — A single object- and task-based focus reduces errors, facilitates governance and increases efficiency and safety.

- **Role-based access** — Role-based access gives users the information, functionality and direction (according to workflow) they need to do their jobs.

- **User-configurable home page with live tile dashboards** — Personalised settings are designed to meet the needs of the user and the role they play in the lab. This facilitates proactive intervention when needed, which enables clinical SLAs and improves efficiency, safety and compliance.

- **Pathology without walls** — One system means all features can be accessed from anywhere in the laboratory, streamlining processes.

- **Demand management** — This prevents unnecessary duplicate testing, which reduces costs and improves capacity and compliance.

- **Intuitive (rules-based custom configuration)** — LIMS allows for user-configurable management according to specific and local needs.

- **Specimen/object tracking with complete audit and meaningful metrics** — This feature improves efficiency, throughput, governance and safety by providing a view of the overall efficiency of the laboratory, which in turn reveals bottlenecks in processing.

- **Interoperability** — Dedalus LIMS provides extensive interoperability of all laboratory instrumentation and clinical systems: EPRs, e-ordering and results, pre-analytics, analytics, digital pathology, point of care and business intelligence tools.

- **Fully compliant pathology testing functionality** This reduces costs as third-party system add-ons are not required.

- **Single view of the patients' entire pathology history** — The ability to see a holistic view of patients' testing and treatment results across multiple sites (including data from Dedalus laboratory systems), facilitates safety, efficiency and compliance.

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# BENEFITS

**Improved efficiency and safety**

**Reduced costs and IT footprint**

**Improved proactive intervention**

**Streamlined processes**

**Better governance and compliance**

## NEXT STEPS

If you are considering modernizing and optimizing your pathology service, engage our team of experts to discuss your specific needs.

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## About Dedalus

Dedalus is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus enables a revolutionary digital transformation of country-wide Healthcare Systems fully supporting the patient digital journey. Dedalus serves more than 6,100 private and public hospitals across 40 countries, through more than 5,500 highly specialized resources, of which 2000 are dedicated to R&D activities. We aim to help caregivers and healthcare professionals to deliver better care to the communities they serve and for this reason we are very proud of doing a special job, working with healthcare organisations to improve healthcare outcomes for patients.

Life flows through our software.

For more information, visit www.dedalus.com