



Understanding your healthcare information needs

INTEGRATED LABORATORY MANAGEMENT SYSTEM

ILMS[®]

“ILMS Software incorporates more than 150 person years of laboratory software design experience, reliable platform architecture, and proven clinical disciplines...”

OVERVIEW

The Integrated Laboratory Information System (ILMS) is designed to anticipate and meet the needs of Pathology services in busy Hospitals and Commercial Laboratories of any size. Its flexibility facilitates applications for Company Screening Pathology and Veterinarian Pathology. Today, ILMS is internationally operational in large laboratories processing over 20,000 requests per day, and also in smaller laboratories with less than 500 requests per day. ILMS Software incorporates more than 150 person years of laboratory software design experience, reliable platform architecture, and proven clinical disciplines.

CLINICALLY PROVEN

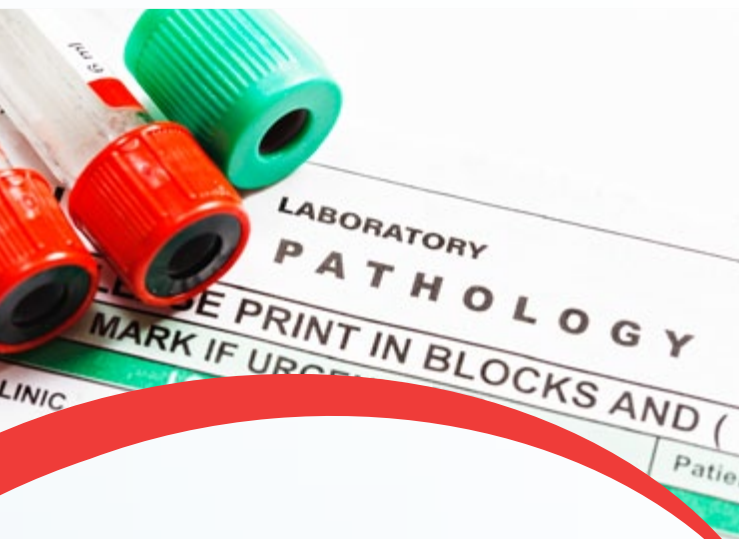
The Integrated Medical Systems clinical development team together with pathologists and clinicians continually validate ILMS software in clinical environments to ensure all **workflow** requirements are met. ILMS provides pathologists with tools such as management reporting and statistical analysis. ILMS is especially unique in featuring two-stage results verification by scientists and pathologists.

ILMS MODULES

- Biochemistry
- Blood Bank
- Bone Marrow Transplant
- Cytogenetics
- Cytology
- Endocrinology
- Haematology
- Haemostasis
- Histology
- Immunology
- Microbiology/ Mycology
- Molecular Genetic Haematology
- Serology
- Special Biochemistry
- Tissue Culture
- Virology
- Forensic
- Bone Marrow
- Specimen Management
- Environmental Specimens
- Veterinary Pathology
- Tele-pathology

OPTIONAL MODULES

- Labtalk equipment interfacing system with interfaces for over a hundred analysers
- Clinical information management system with Order Management System



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Integrated Medical
Systems believes
it is important for
its product to be
distinctly yours
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PRODUCTIVITY ENHANCEMENT

Increase your productivity by making use of ILMS features such as:

- Intuitive easy-to-use Graphical User Interface (GUI)
- Easily accessible on-line comprehensive test history with centralized patient information
- User-definable registration for more efficient data entry
- Order Entry
- Specimen management
- Bar code technology support for efficient specimen labelling and tracking
- Specific test request screens for each discipline or multiple departments
- Hospital systems integration support
- Instrument interfaces to streamline laboratory workflow, lower costs, and improve efficiency and accuracy
- Technologists, Scientists and Pathologist's work list module and verification screens increase efficiency and manage workflow.
- Automated resulting screens through reference range tables enhance efficiency.
- Convenient Web access to review diagnostic reports
- SNOMED / ICD coding and keyword searching
- User-definable rules, calculations, interpretations and coded comments
- Automatic report spooling for printing, e-mail, fax or notification
- Users are able to easily and quickly access Test information and Standard Operating procedures, through the innovative Test Help and Universal document links
- Turnaround Time Statistics provide management with critical performance indicators to identify bottlenecks within the laboratory workflow
- Results and reports auditing with visual comparison of changes to final reports
- Result interpretation and automatic calculation
- Individual work list for different level of users
- Quality Control
- Infection Control
- Pathologist comments and electronic signatures
- Report Addendums
- Send away organisations and reportable agency registers
- Billing or interface to in house accounting system

The above and many other features serve to streamline the functions of the laboratory - from specimen collection through to results reporting - leading to dramatic **increases in laboratory productivity.**



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EASY TO CUSTOMIZE

Integrated Medical Systems believes it is important for its products to be **distinctly yours**. ILMS software enables you to quickly and easily tailor the applications to your requirements. ILMS software makes it easy for you to accomplish this by providing you with a **“Rules Engine”** thereby enabling you to configure the application.

- ILMS can be user defined for Client Site, result abnormality, antibiotic sensitivity and/or for Test details
- Automatic notifications can be ‘triggered’ for Results and Reports
- ILMS is designed to issue and receive commands to and from laboratory instruments.
- Administrators are able to quickly define custom tests and a range of result entry and reporting formats

EASY TO INTEGRATE

Whether you are implementing a new system or upgrading your existing one to introduce more services and expand your business, ILMS software will serve to seamlessly integrate with other systems that are essential to workflow efficiency:

- ASTM / HL7 standard devices
- Hospital Information Systems
- Voice Recognition Software

- Off the shelf software applications
- “Tight integration”
- OLE Automation/ActiveX for embedding Word documents with full word functionality.
- Embedded word processing with user-defined dictionary support and real time spell checking.
- Email enabled (optional MAPI support) allows emailing of Reports and receipt of Requests.
- Choice of PDF or Cascade style sheets (XML/XSL) based web reporting.

QUALITY AND SECURITY

- ILMS software features full user security to cover user logon password protection, profiles and authorization.
- IMS software is developed using all international standards where relevant including HL7, ASTM and DICOM, ISBT128, ISO, PKI.

OPEN ARCHITECTURE

- Multi-Platform (Windows, SUN SPARC, UNIX, LINUX).
- Microsoft, Oracle RDBMS
- Graphical User Interface, object oriented,
- Modular, scalable, flexible
- Seamless integration with other IMS products
- Utilising web services,
- HL7, ASTM, XML, HTML, DICOM, PKI , CSS

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**FOR MORE INFORMATION ON IMS
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