AutoLIMS
Core lab module

The last LIS you will ever need

The **AutoLIMS** product suite significantly improves patient care and medical outcomes by maximizing clinical laboratory productivity. With its ability to improve efficiency and profitability through technological superiority, it is understandable why **AutoLIMS** is installed in some of the largest and most sophisticated health systems, hospitals and reference laboratories throughout the world. The richness and breadth of its functionality make it the obvious choice for today's laboratories.

- Clear, concise and logical viewing of slides, text, voice and results.

- Maximal automation of lab operations in all areas.

- Greater control of the testing and resulting procedures.

- Easy billing based on automatic system logic.

- Faster, more accurate, and better presented laboratory outcomes.

- Paperless lab - all worklists and workstage documents are inside the system.

- Effective recording of coded diagnoses assist in managing and retrieving cases.

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Improve patient care and medial outcome

Our worldwide success is due to its flagship product, **AutoLIMS**, and the company's unsurpassed customer service. **AutoLIMS** is a powerful and intuitive, easy-to-install laboratory information system (LIS) that covers all aspects of a clinical lab's operation, while providing lightning-fast responsiveness. It comprises a broad suite of very scalable and flexible advanced software modules, which can be easily and effectively adapted to support the full spectrum of IT needs of both hospital and commercial laboratories. **AutoLIMS**' technology includes an easy-to-use graphical user interface, multi-tiered and object-oriented design, a relational database that can be selected by client, and user-definable procedures and reports.

The **AutoLIMS** suite of products not only supports all the clinical lab's data management requirements, but also, provides complete tools for administrative and managerial reporting. Today's lab market presents many challenges with its dynamic nature, and ever-growing need for increased functionality to handle larger and larger volumes. Being a true, object-oriented software system, coupled with the fact it is built on a very flexible infrastructure, AutoLims responds to these challenges in an unprecedented manner.

All modules and features of **AutoLIMS** were developed inhouse. This allows our customers to enjoy a united, tightly integrated solution, and eliminates the need for any third party vendor to provide "missing parts." All industry standards interfaces are supported, and a very comprehensive permission and logging mechanism are embedded into the system ensuring a detailed audit trail. We take responsibility for the entire project, including implementation and any additional development work (if required) to support our products. We do not use subcontractors, but work closely with our customers throughout the life cycle of the project to ensure an efficient, rapid and quality implementation.

The **AutoLIMS** suite provides software solutions to meet the entire spectrum of a clinical laboratory's needs: Biochemistry, Hematology, Endocrinology, Anatomic Pathology, including Cytology and Histology, Microbiology, Genetics, Blood Bank, including donors, Quality Control, Managerial and Administrative Reporting, Outreach. Web Access, Billing, Integrated Voice Response, Phlebotomy, and Customized Workflow.

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Features

- Easy to Use - Intuitive Windows© user interface makes navigation simple, fast and easy.

- Flexibility - Numerous system configuration tables with multiple options allow clients to customize the system to meet their specific needs.

- Technical Superiority - Object Oriented design and implementation. Written completely in C++ and Java. O/S freedom (Windows, Unix, Linux).

- Multisite - Support of multiple laboratories at different locations, including laboratories belonging to different financial entities or commercial organizations.

- Sample Shipment - Full support of sample reception, shipment, resending and routing, providing an overview of the current status of shipments and the samples they contain.

- Extreme Scalability - Modular design can handle high capacity laboratories (over 300,000 results per day) or small to medium-sized hospitals.

- System-wide FDA Certified - Compatible with all common clinical standards SNOMED, ICD9, CPT4, CAP.

- Database and connectivity dashboards - To improve data mining and business Intelligence.

- Hosting Microsoft® Word for results entry including: forms and templates, automatic text completion, and spell check.

- Comprehensive - A one stop shop for all applications.

- Enhanced Revenue Capture - The system significantly improves revenue capture through physician-or-provider-specific pricing, interpretive reporting, remote inquiry, electronic submission and remittance, and unlimited services pricing, using multiple methodologies.

- Extreme Stability - Fault-tolerant system allows maintenance and backup while system is active.

- Database Neutral - Supports Oracle, MS SQL Server, and others.

- Open System - System reports are based on the XML Web technology; clients can define their reports and modify existing reports.

- Supporting automation lines & concentrators - To maximize efficient workflow logic.

- Interfaces - Supports all standard interfaces, including HL-7, ASTM, ANSI X12, generic third party, and others. Includes HL7 dashboards to maximize "meaningful use".

- Quick edit modes supported for rapid handling of large quantities of samples.

- Single Database - All lab information is stored in a highly sophisticated single database which enhances user satisfaction and saves on catalog maintenance, interfaces and client service time.

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