MAXIM-LIS

Web Based Laboratory / Diagnostics Centre Management Software
(Intranet and Internet Version)

By

BIRLAMEDISOFT
Working of Maxim-LIS

1. **Requisition**: Online form for samples sent to the lab.
2. **Accession**: Sample verified and unique ID allocated.
3. **Authorization**: Doctor authorizes the report.
4. **Reporting**: Technician completes the report and uploads it.
5. **Delivery**: Reports are ready for delivery via web/email to the patient.
Laboratories or Diagnostic Centres today are expanding in terms of reach and services. Chain of diagnostics centre or Central processing unit with many sub-centres or collection centres need to be inter-connected so that data is transferred in real time.

Birlamedisoft Maxim-LIS is powerful laboratory information management systems (LIMS) that enable labs to manage complex processes, ensure regulatory compliance, and promote enterprise-wide collaboration. Maxim-LIS is a Web-based, off-the-shelf solution designed for a wide array of laboratory environments, operating in various disciplines and industries.

We have hundreds of successful LIMS implementations across the globe in Clinical, Analytical and Biotech sectors.
Birlamedisoft Pvt. Ltd, an ISO 9001:2008 certified company is a dedicated Health Informatics Company today. Birlamedisoft has a talent pool of professionals with healthcare domain, Information Technology and management expertise. There are more than 10,500 satisfied customers across the world that are using Birlamedisoft Healthcare Software solutions in Hospitals, Laboratories, clinics, pharmacies, Blood banks & diagnostic centres. Today in every corner of the World, Birlamedisoft medical software’s are being used. Birlamedisoft has become the "Brand Of Choice" in healthcare software today.

MISSION:
To write 'Doctor Friendly' programs for Medical Professionals, and to make Birlamedisoft™ a ubiquitous medical software brand that is synonymous with the best in quality and the most useful of medical software programs. It has to be the brand of choice. It's brand equity must reflect the values associated with the brand.

VISION:
To empower every Healthcare Professional with the 'Power of the Computer' by making computing software that is Usable, Comprehensible and Affordable to the most ordinary healthcare professional, running a small practice anywhere in the world.

EXPERIENCE:
Birlamedisoft has devoted more than 350 man-years in developing Healthcare software.

TEAM:
- A Highly Motivated and Dedicated Management Consultants, Programmers & Operations Team.
- In-depth relevant Experience in Development & implementations of Hospital Management, Pharmaceutical, Diagnostics, Blood banking, Medicine & Medical informatics software solutions.
- A panel of renowned doctors as consultants on its board for the development of medical software.
**What is Maxim-LIS?**

- **Maxim-LIS** is online virtual Laboratory management software which allows operating Pathology labs and Diagnostics Centres through internet or Intranet.

- **Maxim-LIS** is a full-featured web based, N-tier architectural Laboratory Information Management System (LIMS) integrated into the Windows environment. Maxim-LIS is one of the world's first client configurable LIMS products, providing an unparalleled degree of client involvement in adapting the software to their specific needs.

- **Maxim-LIS** is Low risk, Maintenance Free software. There are no installations on multiple computers anywhere. **Maxim-LIS** gets installed only on the server and operates thru Browser. It gives high returns on investments.

- **Maxim-LIS** is very affordable. It has a robust database system to handle large data with critical needs to ensure a high level of data security. It’s HIPAA (Health Insurance Portability and Accountability Act) compliant software with 128 bit encryption system embedded.

- **Maxim-LIS** can be deployed remotely, No waiting period, which means a reduction in deployment time. **Maxim-LIS** helps in training and configuration needed for your workflow right away, shortening the overall time to Go Live.

- **Maxim-LIS** is precisely controlled by login permissions. Usage of the software is not restricted to a single workstation; it is unlimited usage, anywhere, anytime. Staff and customers can check their records, results and access reports from their own computers using web access.
Maxim-LIS helps in freeing up of your IT resources, allowing them to concentrate on maintaining the existing systems well, rather than giving them even less time to attend to quality assurance and pro-active improvements in performance.

Maxim-LIS is easily upgradable. Upgrades may be applied when ready and consistently across everywhere. You don’t risk faulty deployment of fixes, upgrades or versions, and you always have the latest and greatest software.

Maxim-LIS is ideally suited to offering more than one application. Along with Maxim-LIS you get CRM (Customer Relationship Management), Time Tracking, Help Desk, e-Commerce, Accounting, Inventory, SMS sending, Dashboards and more, plus additional programs available for purchase/download.

Maxim-LIS is able to send lab reports to Individual patients and collection centre via internet anywhere. Reports consist of electronic signature. As soon as report is ready, patients are notified via SMS that report is ready. Reports can be downloaded by patients directly.

Maxim-LIS comes with Barcode Scanning and Printing modules. Specimens are accepted by Barcodes. Barcode are generated as per International Standards nomenclature.

Maxim-LIS is ready to be interfaced with all types of Laboratory Instruments. Any instrument can be interfaced via Unidirectional and Bidirectional way.

Maxim-LIS is ready to be interfaced with Medical Imaging Modalities like CT scan, MRI, X-ray, Ultrasound etc. Maxim-LIS works with Maxim-PACS (Picture Archiving and Communication System) a fully web based Tele-radiology PACS software to deliver Digital Images (DICOM) anywhere via Internet.

Maxim-LIS comes with Billing, Inventory and Accounting management software inbuilt in the system. It has got fabulous MIS system with Dashboards.
Stakeholders of Maxim-LIS

- Maxim-LIS
- Stakeholders
- Laboratories
- Diagnostic Centres
- Insurers
- Patients
- Doctors

www.birlamedisoft.com  We care Healthcare...  www.maxim-lis.com
Compliance with Standards

- Food and Drug Administration
  Code of Federal Regulations Title 21 PART 11

- College of American Pathologists

- Health Insurance Portability and Accountability Act

- Health Level Seven International

- National Accreditation Board for Testing and Calibration Laboratories (NABL)
Maxim-LIS Standalone Architecture

DICOM equipment

Non DICOM, Pathology equipment, gadgets

PACS (Maxim-PACS)

Interfaces

Maxim-LIS

External Stakeholders

Insurance Claims

Radiology

Patient Services

Clinical Specialties

Back Office

Enterprise Management

Output Alerts

Email

SMS

Onscreen popup

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Advantages of Maxim-LIS

- No heavy initial cost of ownership.
- No upfront investment in hardware or software. (Maxim LIS is hosted on our web server)
  
  **Note:** Maxim-LIS can be hosted on your local server also.

- No investment for retaining plenty IT staff and manpower.
- No fear of virus or any other form of security attacks.
- No fear of server downtime or breakdowns.
- No worries on data backups.
- No space cost for setting up a server room.
- No Monthly recurring cost of air-conditioning the server room.
- No outdated software, you always have latest & greatest software.
- Covers all standards NABL, CAP, 21 CFR Part 11 and HIPAA.
- Shortened turnaround time.
- Full web content management integration.
- Powerful Search Engine.
- Available in Multilingual Formats.
- Open Query System to search any information in seconds.
- Works on databases including Oracle, SQL Server, DB2, MySQL.
- Works in decentralized and centralized environment.
- Works on all types of Windows OS.
- Ready with Bar-coding, Biometrics, Smartcard Authentication.
- Ready to connect with Legacy System. HL7 compliant.
Features

Maxim-LIS has made the following possible:

- **Low initial outlay:**
  Maxim-LIS online software has changed the traditional TCO (Total cost of ownership) method of owning heavily priced software. This is because Maxim-LIS eliminates the travel costs, and typically, a draw-out RFP/Proposal process (think man-hours – and diversion from their regular work), and then one of the biggest challenges are hardware purchase of new servers, workstations, routers etc. giving you the opportunity to stretch your investment out over time, leaving a healthy cash flow available for core operations or other advancements.

- **Long Term Savings**
  Maxim-LIS online software benefits without having to use your whole budget up front. It allows you to use the software for many years and you still maintaining a savings over purchasing.

- **Productivity increase**
  - Maxim-LIS is perfect for you; it allows you to concentrate more onto business. You can setup your lab branches and collection centers virtually anywhere in the world to encompass big business.
  - Maxim-LIS is the first of its kind completely web based software for laboratories and Diagnostics centres. ROI (Return on Investment) is very quick. You always get latest & greatest updated software anytime.

- **Highly secured, User friendly, reliable and seamlessly integrated web Based information system.**

- **Clinic practitioners, pharmacists and Pathologists can share the Patient’s clinical information providing better service to their consumers.**

- **It automates** the process of collecting and retrieving patient information.

- **Integration of Patient identification, Data consistency, and Transparency.**

- **Access to dozens of online resources and tools to customize and build your own systems.**
Technology Utilization

User Interface & Client

**Web Browsers:** IE, Mozilla Firefox, Google Chrome, Safari, etc.

**Operating System:** Windows

Application Server

DotNET Framework, AJAX Development Toolkit, Web Services, WCF Services, IIS

Back-End (Database Server)

SQL Server 2008 R2

Oracle, DB2, MS-SQL database backend can be given.

Hardware

Intel Platform, IBM Series
Maintenance & Support

Help Line Phone Nos.:
Mobile:
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Landlines: +91-20-65106272

Email: support@birlamedisoft.com
Screenhots

Patient Registration

Accession
Result Entry

Bill Payment
Connectivity – Interfacing with Devices

Maxim-LIS can be interfaced with a variety of laboratory analyzers and instruments.
Connectivity with Gadgets

- Fingerprint Authentication Device
- Web Camera
- Plastic Card Printer
- Scanner
- Smart Phones
- Tablet

& many more gadgets ...
Connectivity with Maxim-PACS & Radiology Software

PACS

CT Scanner

Ultrasound machine

Laparoscopy machine

Maxim-PACS & Radiology Software

MAXIM-LIS

Maxim-PACS & Radiology Software

X-ray Machine

Film Processor

ECG
Maxim LIS is currently operational in a number of highly renowned labs across the world; they are highly benefited using this software. Below are some of our esteemed customers:
Demonstration of Maxim-LIS can be arranged as per your convenience. This is an Online Demonstration. We assure you that you will be immensely benefited by using Maxim-LIS software for your Diagnostics center/Laboratory. If you are interested to know more about Maxim-LIS, please write email to info@birlamedisoft.com.
Birlamedisoft provides LIMS solutions to the vast majority of the Labs from the smallest ones to the enterprise level labs. Find the complete series of Laboratory Management Software.

### Lab Management Software

- **PathoGold Premium Advance**
- **PathoGold Premium**
- **PathoGold Express**
- **PathoGold CellConnect**

### Diagnostic Centre Management Software

- **PathoRAD Premium Advance**
- **PathoRAD Premium**
- **PathoRAD Regular**
- **PathoRAD CellConnect**
Client Testimonials

"Thanks for the improved new software, now we can say that we found the most advanced software for laboratory (NEW MAXIM-LIS) with easy operation, full control and accuracy."

Dr. S. Chandani, Advance Diagnostics Centre, Korba

"Congratulations R & D Team Birlamedisoft for their excellent online software and wish you great success ahead. The after sales support is commendable for which I am really thankful. The prompt response keeps me relaxed."

Dr. Manish Seth, Medicentre, Udaipur

"I want to convey my special thanks to you and your support team members at Birlamedisoft. They are looking after the supporting part of software very promptly and provide perfect solution. It has been a pleasant experience to work with team of Birlamedisoft. Keep up the good work !!!!"

Dr. Prashant A. Jani, Founder medical director Oncopath Diagnostics, Canada

"I am happy to state that we are fully satisfied and happy with the software and other support they have been giving us. Right from timely attending to our queries and requests, they also possess a fine work ethic and phone/personal manners. They have a sound theoretical and technical knowledge and ability to patiently listen to our difficulties, feedback and suggestions."

Dr. Ajay Shesh - CEO, Renuka Diagnostics, Korba

"As far as Birlamedisoft online software we have not got any issues or complaints since we have been using it over a period of one year. I am happy with the performance and also with the maintenance. Hope you continue the good work."

Ajay Simha S, DBR Diagnostic Services, Secunderabad
"The working of our lab has improved by leaps and bounds once we started using Maxim-LIS software. We also are happy with the support provided for the software by Birlamedisoft."

Geeta Diagnostics, Darbhanga

"Absolutely incredible online lab software! It will be difficult for other laboratory software developers to catch up with Birlamedisoft. We hope to continue this relationship with Birlamedisoft for a long time!"

Raghav Pathlabs Pvt Ltd, Haldwani

"We have taken a very good decision by choosing Birlamedisoft Maxim-LIS software for computerization of our laboratory! It is an extremely user-friendly software which is definitely helping in the smooth functioning of our lab."

Kennisha Rheumatology Care & Diagnostics, Mumbai

"Fabulous software for laboratories! Also the timely support provided by Birlamedisoft has convinced us that we have made the right choice of software for our diagnostic Centre."

Saraswati Diagnostic Centre, Mumbai

"After using Maxim-LIS for our diagnostic centre, we have realized that it is the best software available in the market right now."

Dr. Menghani’s Advanced Diagnostic Centre, Bilaspur
Contact Us

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111, 311 & 411, Gulmohar Centre Point,
Pune Nagar Road,
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Pune 411014, INDIA.

Website: www.birlamedisoft.com

Contact Numbers:
Our dedicated Team of well-trained customer care staff can be reached on +91 9021 156 156 to assist you for all your queries from 08:30 hrs to 18:30 hrs, Monday to Friday and Saturday 9:30 Hrs To 15:00 Hrs.

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