Birlamedisoft®
Computing Beyond Imaginations

MAXIM-LIS

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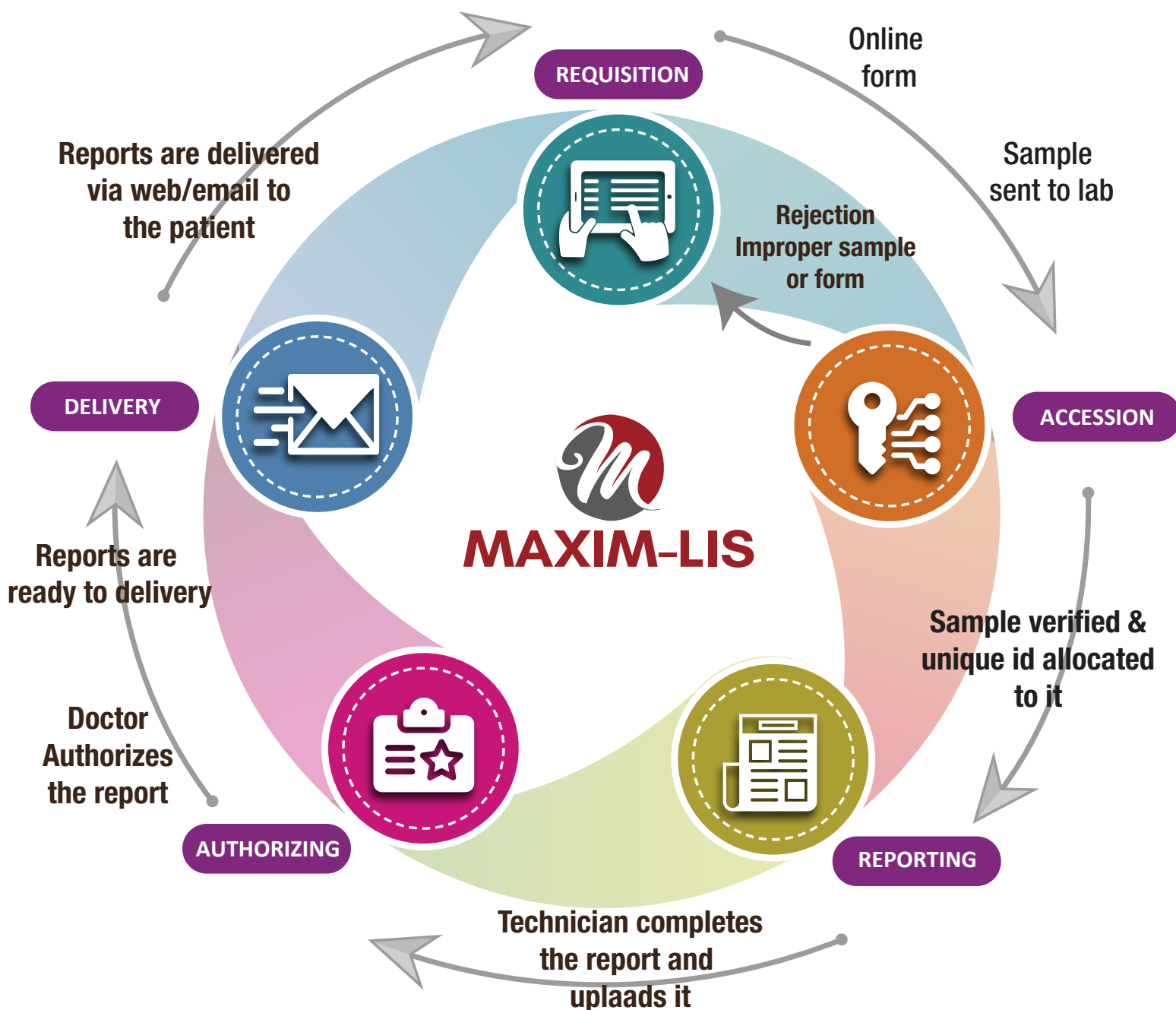
By

Birlamedisoft

Working of Maxim-LIS

MAXIM-LIS
www.birlamedisoft.com/product-maxim.html

REQUISITION

Online form

Sample sent to lab

Reports are delivered via web/email to the patient

Rejection Improper sample or form

DELIVERY

ACCESSION

Sample verified & unique id allocated to it

Reports are ready to delivery

MAXIM-LIS

Doctor Authorizes the report

AUTHORIZING

REPORTING

Technician completes the report and uplaads it

About Maxim-LIS

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.

Maxim-LIS
Web Based Diagnostic Center Management System

Software Developed by Birlamedisoft Pvt. Ltd.

Introduction to Birlamedisoft

Birlamedisoft Pvt. Ltd, An ISO 9001:2008 An ISO / IEC 27001:2013 Certified Organisation 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. Its' 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 5500 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

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 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 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 f or 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

Patients

Doctors

Insurers

Compliance with Standards

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

College of American Pathologists

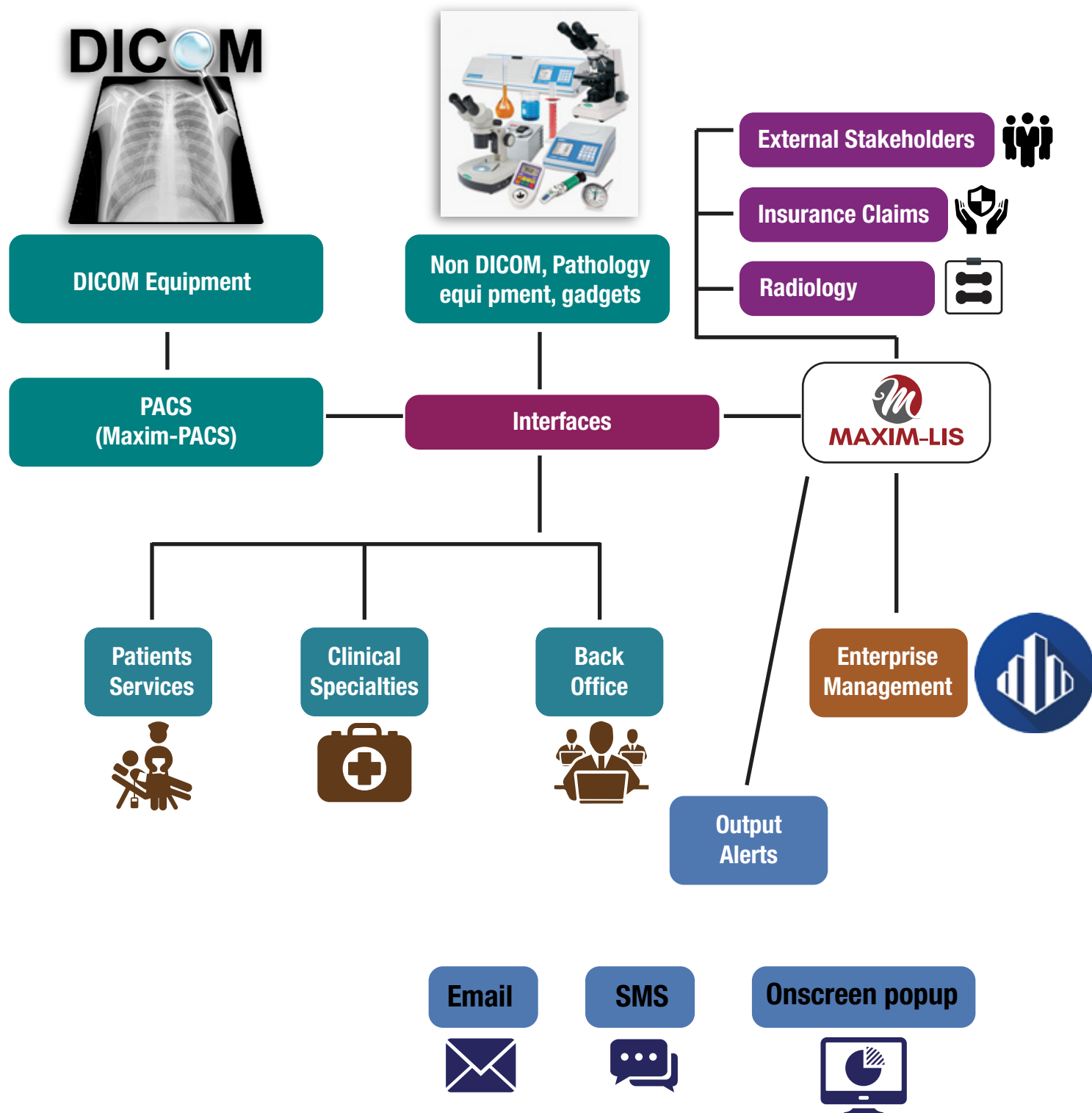**Health Insurance Portability
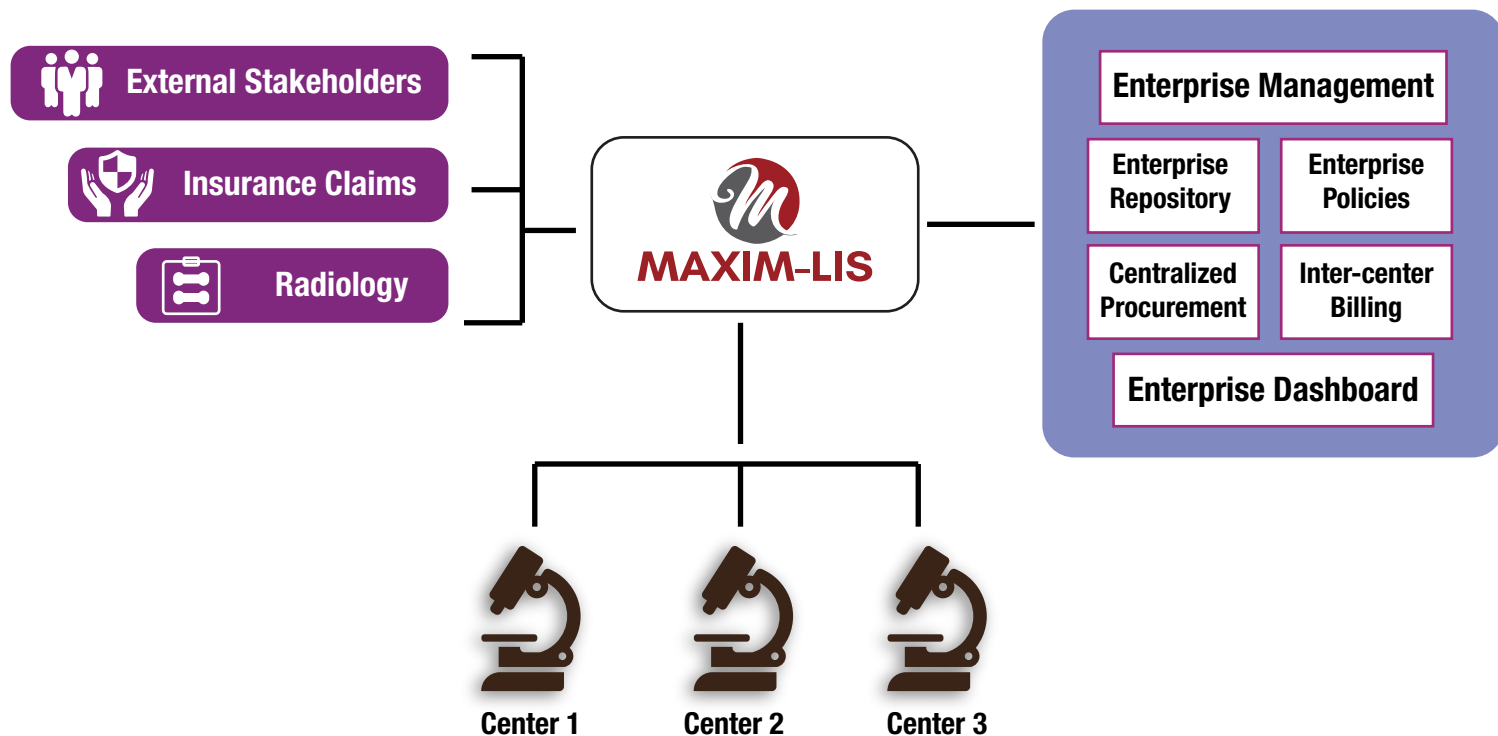and Accountability Act**

Health Level Seven International

**National Accreditation Board for Testing and
Calibration Laboratories (NABL)**

Maxim-LIS Standalone Architecture

DICOM

DICOM Equipment

Non DICOM, Pathology equi pment, gadgets

External Stakeholders

Insurance Claims

Radiology

PACS (Maxim-PACS)

Interfaces

MAXIM-LIS

Patients Services

Clinical Specialties

Back Office

Enterprise Management

Output Alerts

Email

SMS

Onscreen popup

Maxim-LIS Enterprise Management

External Stakeholders

Insurance Claims

Radiology

MAXIM-LIS

Enterprise Management

Enterprise Repository

Enterprise Policies

Centralized Procurement

Inter-center Billing

Enterprise Dashboard

Center 1

Center 2

Center 3

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.

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 drawn-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 / Linux

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

Back-End (Database Server)
MS SQL server all versions
Oracle, DB2, MS-SQL database backend can be given.

Hardware
Intel Platform, IBM Series

Maintenance & Support

Internet

Main Server

Backup Server

Modem

Modem

User PC   User PC   User PC

Support Center
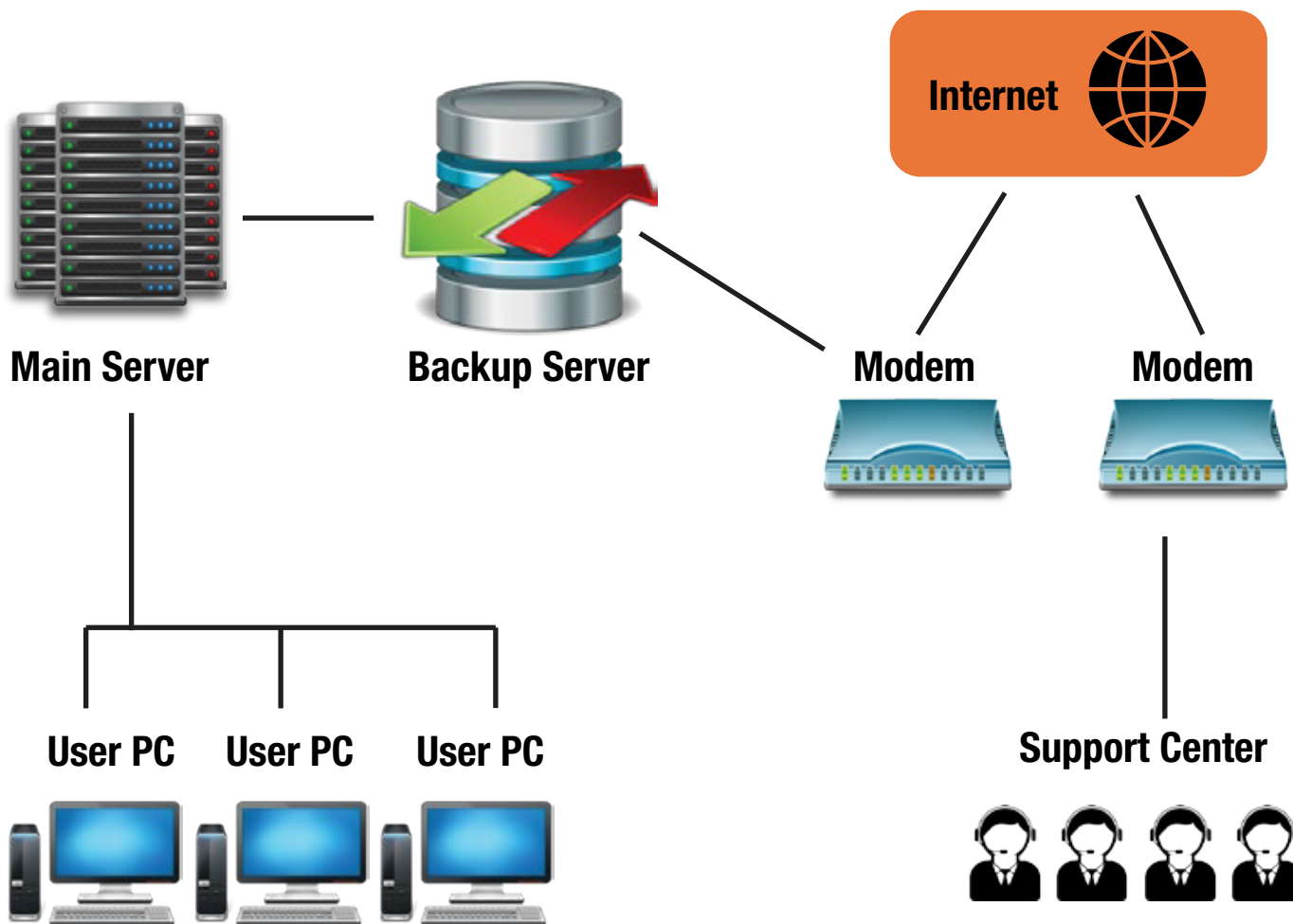
If you are interested to know more about **Maxim-LIS**, please check Contact Us page.

Screenshots

Patient Registration

Accession

Screenshots

Result Entry

Bill Payment

Connectivity – Interfacing with Devices

Biochemistry Analyzer

Blood Gas Analyzer

Hematology Analyzer
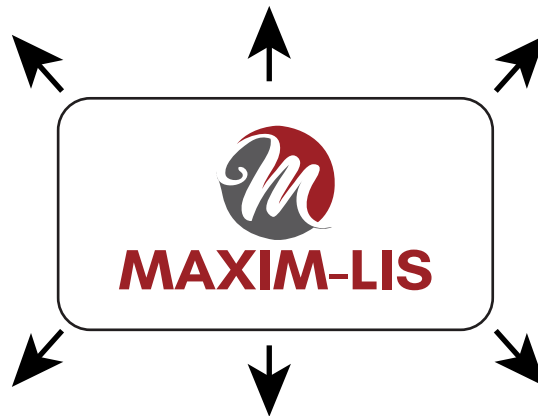
MAXIM-LIS

Chemistry Analyzer

Barcode Device
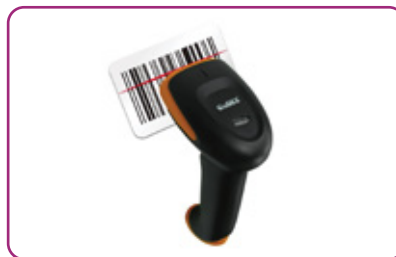
Spectrum Analyzer
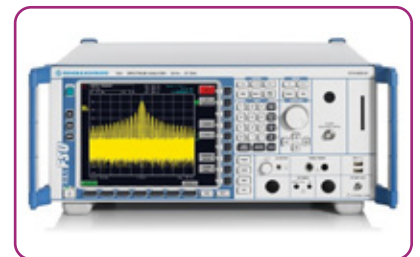
Maxim-LIS can be interfaced with a 500 variety of laboratory analyzers and instruments.

Connectivity with Gadgets

Fingerprint Authentication Device

Web Camera

Plastic Card Printer

MAXIM-LIS

& many more gadgets …

Scanner

Smart Phones

Tablet

PACS

CT Scanner

Ultra sound machine

Laparoscopy machine

Maxim-PACS & Radiology Software

MAXIM-LIS

Maxim-PACS & Radiology Software

X-ray machine

Film processor

ECG

Client List

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:

MAXIM-LIS
www.birlamedisoft.com/product-maxim.html

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 check Contact Us page.*

Other Lab Software

PathoGold Extn Studio
Laboratory Information Management System (LIMS)

PathoGold
Connect to the World

Features: •Reporting & Billing •Accounting •Inventory •Search Engine •Compliments •Fastest Execution

OFFLINE SOFTWARE
No dedicated internet connection required.

SIMPLE TO USE
No Training Required.

ONLINE APP
All reports can be seenthrough Mobile App and Internet download.

SEARCH
Search your laboratory through PathoGold Search Engine, patient will locate you automatically

NO AMC
Sturdy software, never fails, support free software.

EASINESS
User-friendly, Robust, Easy to use & Easy to install software.

INTERFACE READY
Connect Lab analyzer.

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

"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

"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 SimhaS ,DBR Diagnostic Services, Secunderabad

Appreciation

MAXIM-LIS
www.birlamedisoft.com/product-maxim.html

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Computing Beyond Imaginations

CONTACT US

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