



BIRLAMEDI SOFT PVT. LTD.

We care Healthcare...



MAXIM-LIS
www.birlamedisoft.com

MAXIM-LIS

**Web Based Laboratory / Diagnostics Centre
Management Software**

(Intranet and Internet Version)

By

BIRLAMEDI SOFT

Working of Maxim-LIS





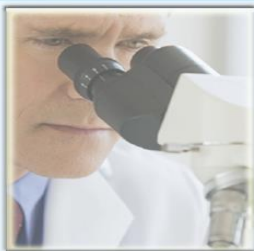
About Maxim-LIS



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 Centre Management System



Software developed by Birlamedisoft Pvt. Ltd. www.birlamedisoft.com

Introduction to Birlamedisoft



Birlamedisoft Pvt. Ltd., an **ISO 9001:2008**, **ISO 27001:2013**, **CMMi Level 3** 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. 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 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.

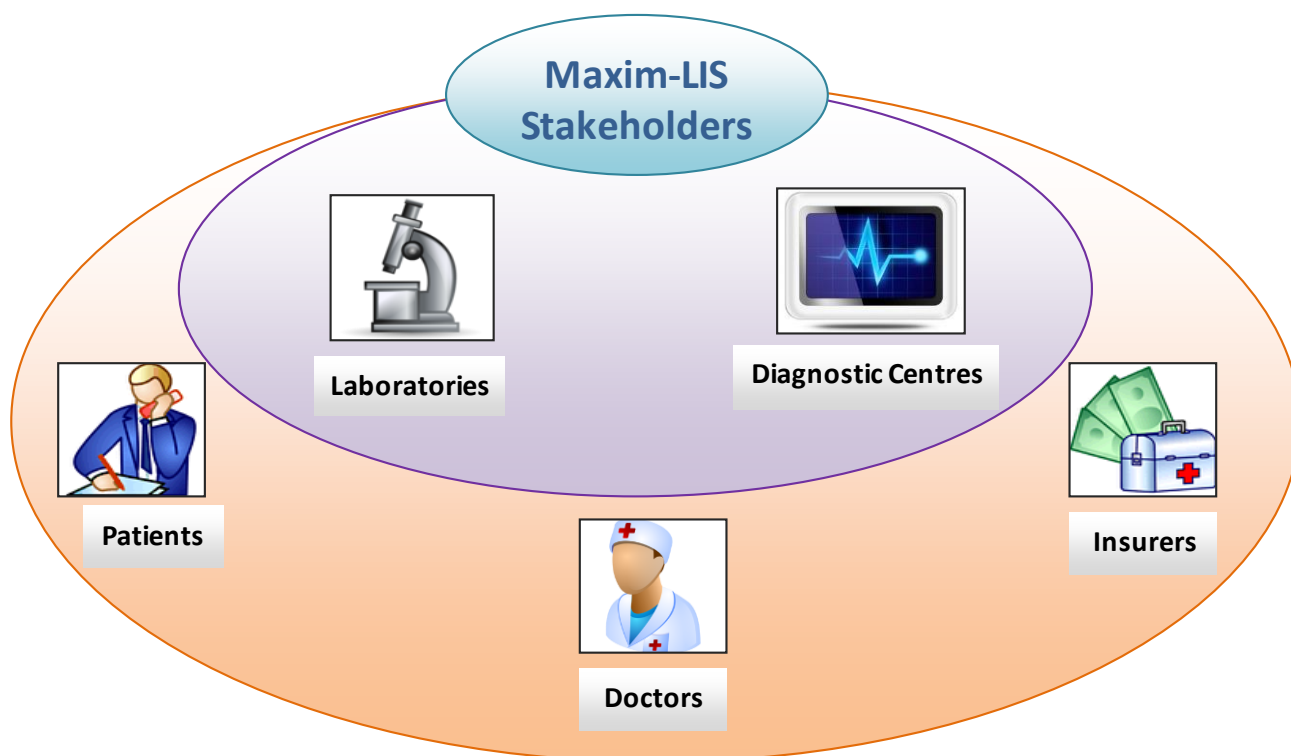


- ❖ **Maxim-LIS** is ready to be interfaced with Medical Imaging Modalities like CT scan, MRI, X-ray, Ultrasound etc. Maxim-LIS works with Maxim-PACS (Picture Archiving and Communication System) a fully web based Tele-radiology PACS software to deliver Digital Images (DICOM) anywhere via Internet.



- ❖ **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



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

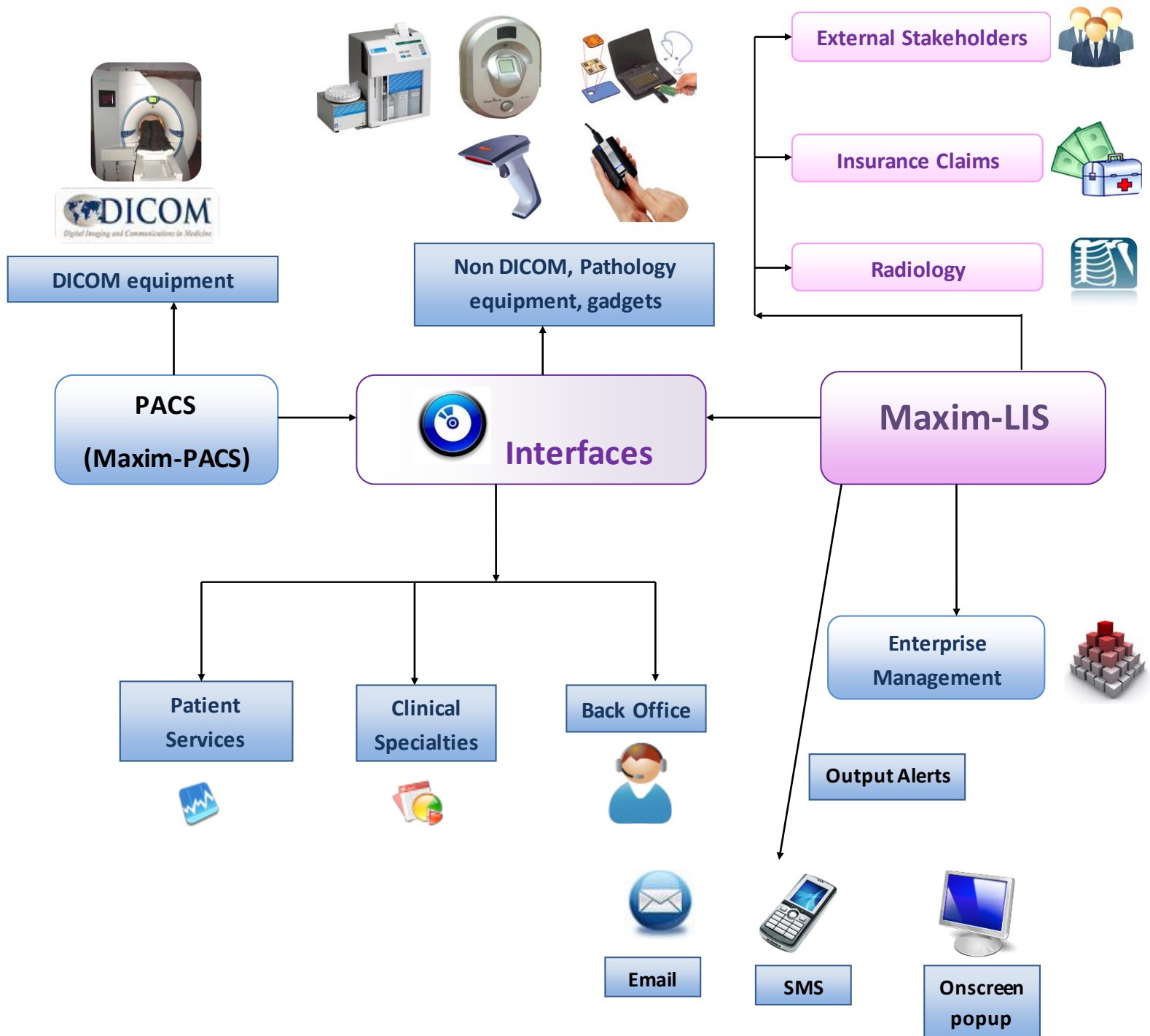


Health Level Seven
International

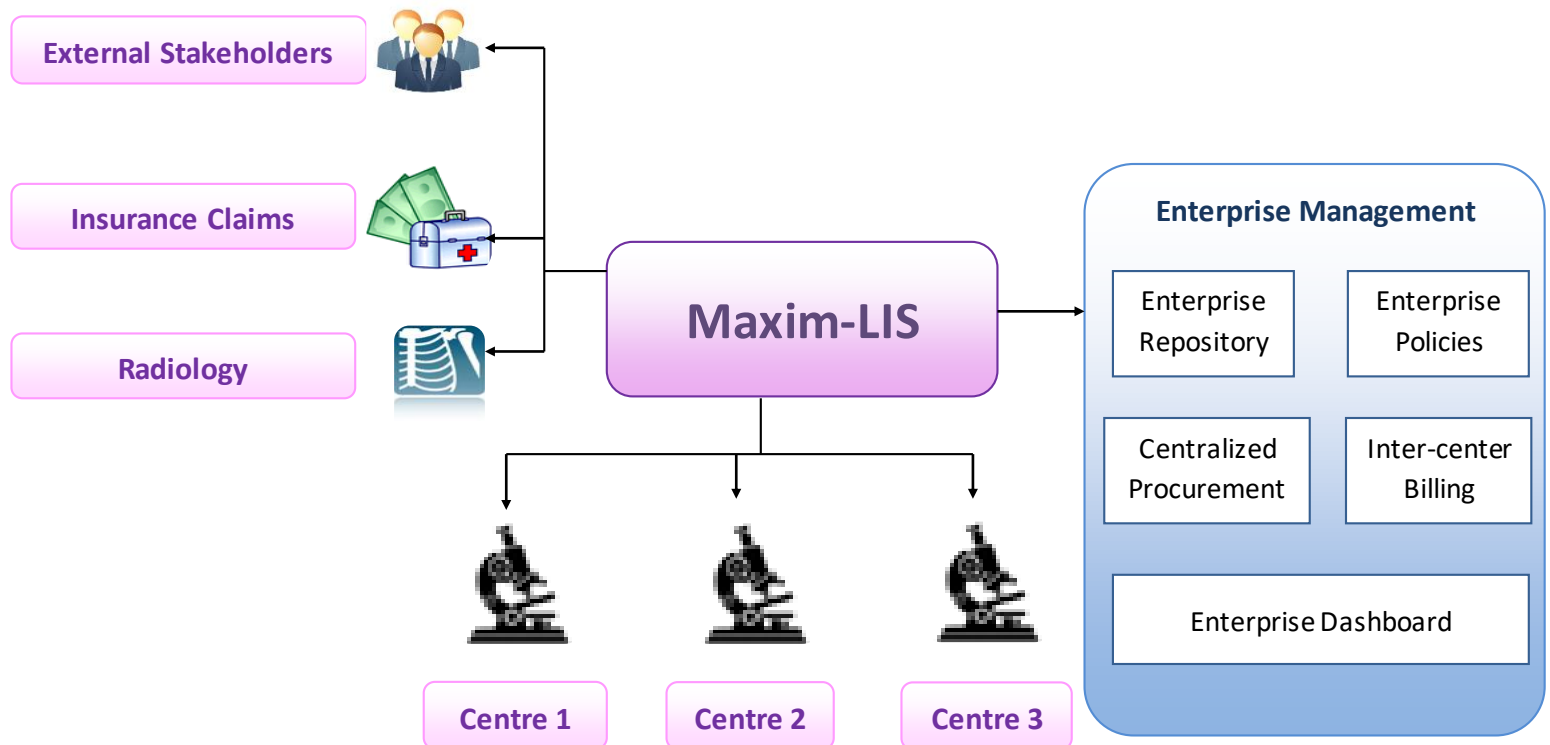


National Accreditation Board for Testing
and Calibration Laboratories (NABL)

Maxim-LIS Standalone Architecture



Maxim-LIS Enterprise Management



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 of NABL, HIPAA, HL7, 21 CFR Part 11
- 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 SQL Server.
- 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/Third party integration.
- Can work Offline (Local LAN) and Online (Internet) Simultaneously.
- Host on Local Server or Cloud Server. Both ways of hosting is possible.



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 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



Application Server

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

Back-End (Database Server)

SQL Server 2014/16

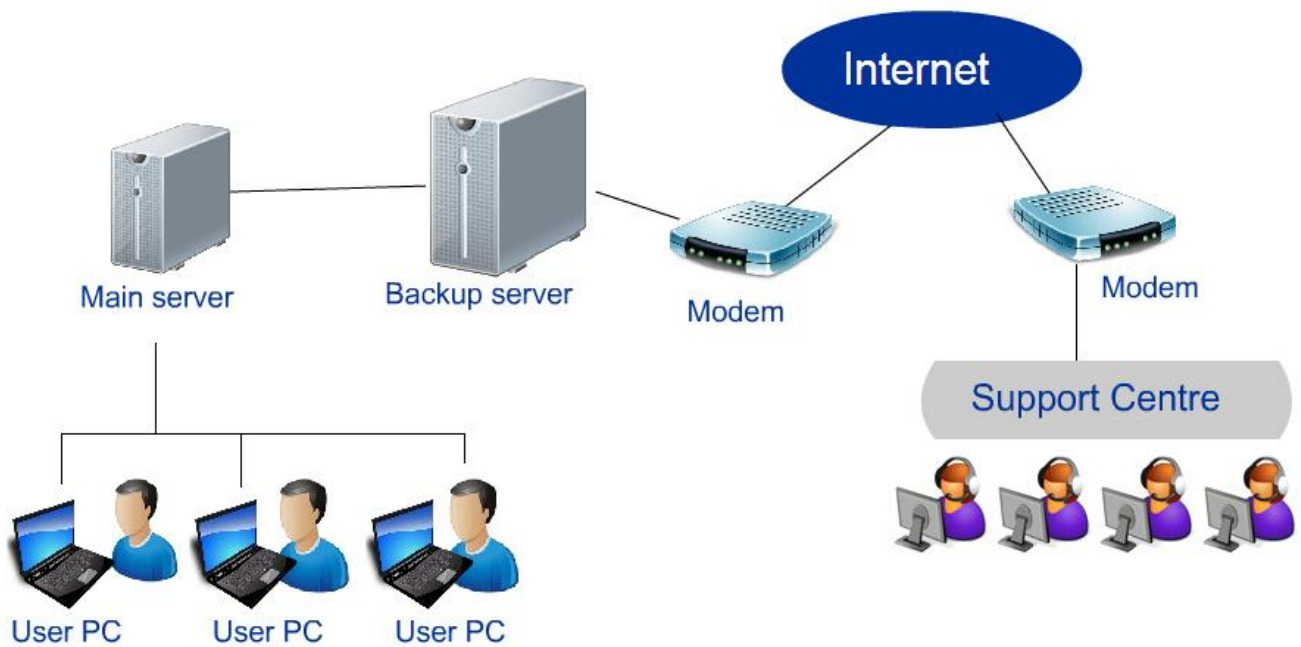
Oracle, DB2, MS-SQL database backend can be give with Extra charges



Hardware

Intel Platform, IBM Series

Maintenance & Support



Screenshots

Patient Registration

Test Registration

Select Client:

Permanent Patient ID:

Available Balance Rs1530/- Buffer Balance: Rs /- Non Clear Balance: Rs/-

Initial	Patient Name	Gender	Age	Mobile No	Sample Drawn Date/Time	Ref Customer
Mr.	Kumar	Male	30 Year	9563247523	01/03/2013 04:23 PM	Select Customer

Address	Clinical History	Remark	Ref Doctor	E-mail
Vimaan Nagar, Pune	Fever		Mr. Agrwal = 100	Kumar@gmail.com

Select Test / Profile:

Selected Tests / Profiles

	Test/Profile Code	Test/Profile Name	Profile/Test	Test Rate
Delete	HM014	CBC (Complete Blood Count)	Test	150
Delete	HM024	Hemoglobin	Test	50
Delete	IM110	HBsAg (Rapid)	Test	600
Delete	BC128	Lipase	Test	500
Delete	HM017	Haemogram	Test	150

Total Amount = 1450

Accession

MAXIM-LIS
Diagnostics Center
Web based Diagnostics Centre Management System

Admin Patient Registration Accession Patient Result Accounts Inventory Search Patient

Name: Maxim
In Date: 01/03/2013
In Time: 16:23:24

Work Orders

Select Client:

From Date: To Date:

Patient Name: Reg.No.:

F.Year:

RegNo	Patient Name	Sex	Age	Test Names	Sample Type	BarCode	Submit	Submit And Print
0000016	Mr. Kumar	Male	30 Year	CBC (Complete Blood Count), Hemoglobin, Haemogram	WB - EDTA	1300000161	Submit	S. & Print
				HBsAg (Rapid), Lipase	SERUM	1300000162		



Result Entry

m
3/2013
3:24

Test Result

Reg.No:	0000016	Name :	Mr.,Kumar	Age :	30	Sex :	Male
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Edit Demographic Info

Department	Select Doctor Name
Clinical Biochemistry	Dr. Richa
Haematology	Dr. Richa
Immunology/Serology	Dr. Richa

Assign Doctor

Test Name	Test Result	Normal Range	Unit	Reason for Edit	Authorize	Print	Remark Entry	Edit	Attach Graph
Clinical Biochemistry									
Lipase	160	Add Help	0 - 190	U/L	<input checked="" type="checkbox"/>	Print	Enter Remark	Edit	
Haematology									
CBC (Complete Blood Count)									
Haemoglobin	15.0	Add Help	14.0 - 18.0	Gm%	<input checked="" type="checkbox"/>	Print	Enter Remark	Edit	
Hematocrit (PCV)	39.0	Add Help	35.0 - 50.0	Vol %					
Total Erythrocyte Count	4.2	Add Help	4.0 - 6.2	Millions/Cumm					
Mean Corpuscular Volume	90	Add Help	80 - 100	FL					
Mean Corpuscular Hemoglobin	28	Add Help	26 - 34	PG					
MCHC	33.0	Add Help	31.0 - 35.0	G/L					

Bill Payment

UserName: Maxim
Login Date: 01/03/2013
Login Time: 16:23:24

Pay Bill

Bill No	Bill Date	01/03/2013
Patient Name	Kumar	
Reg No	0000016	

Test Code	Test Name	Test Rate
HM014	CBC (Complete Blood Count)	150
HM024	Hemoglobin	50
IM110	HBsAg (Rapid)	600
BC128	Lipase	500
HM017	Haemogram	150

Other Charges Discnt Given By:

Total Bill Amount 1450

Discount ☐ Percent ☒ Amount

Discount Percent

Net Amount

Mode Of Payment ☒ Cash ☐ Cheque ☐ Credit Card

Amount Paid

Balance

Remark

Connectivity – Interfacing with Devices



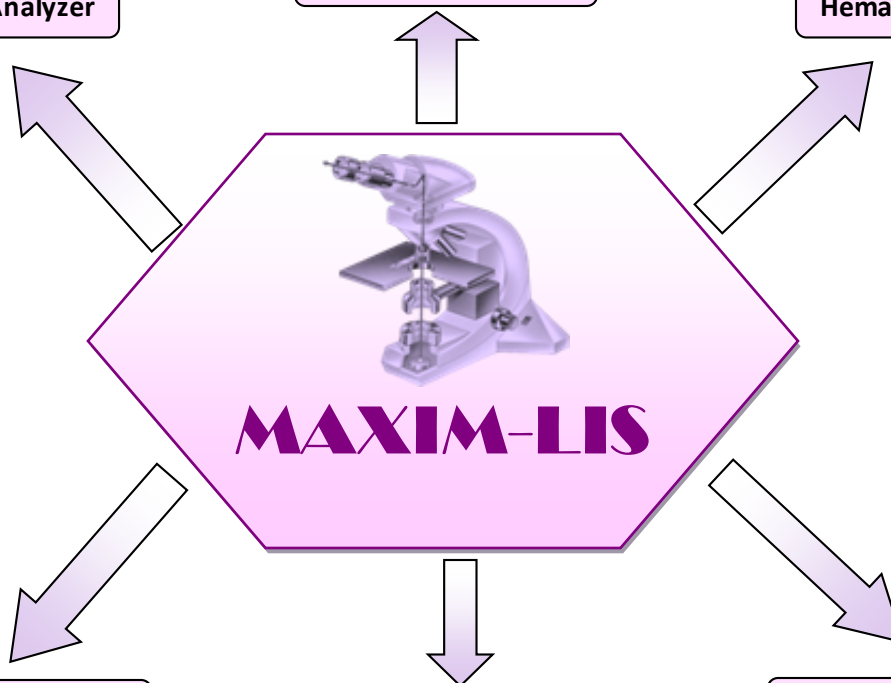
Biochemistry Analyzer



Blood Gas Analyzer



Hematology Analyzer



Chemistry Analyzer



Barcode Device

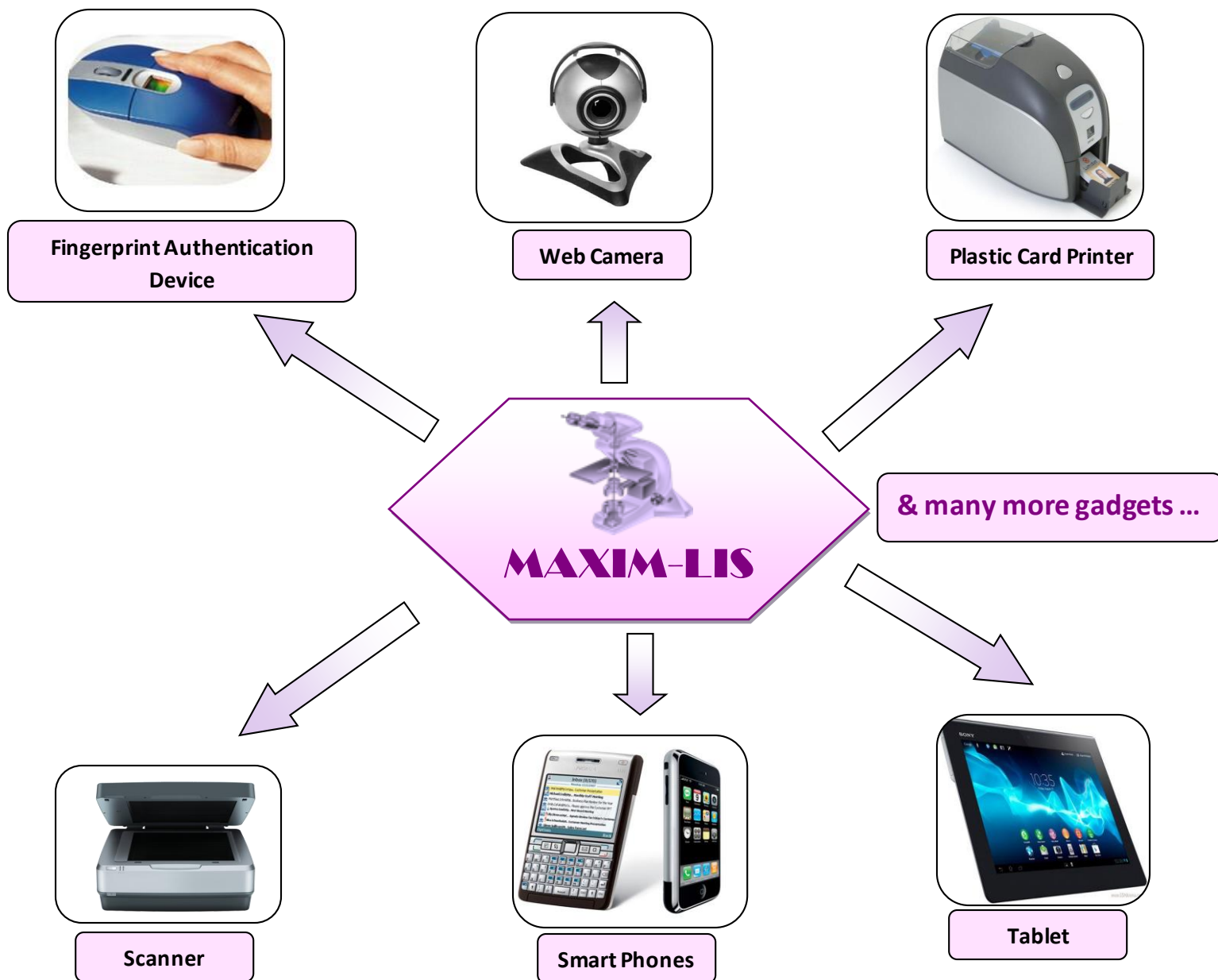


Spectrum Analyzer

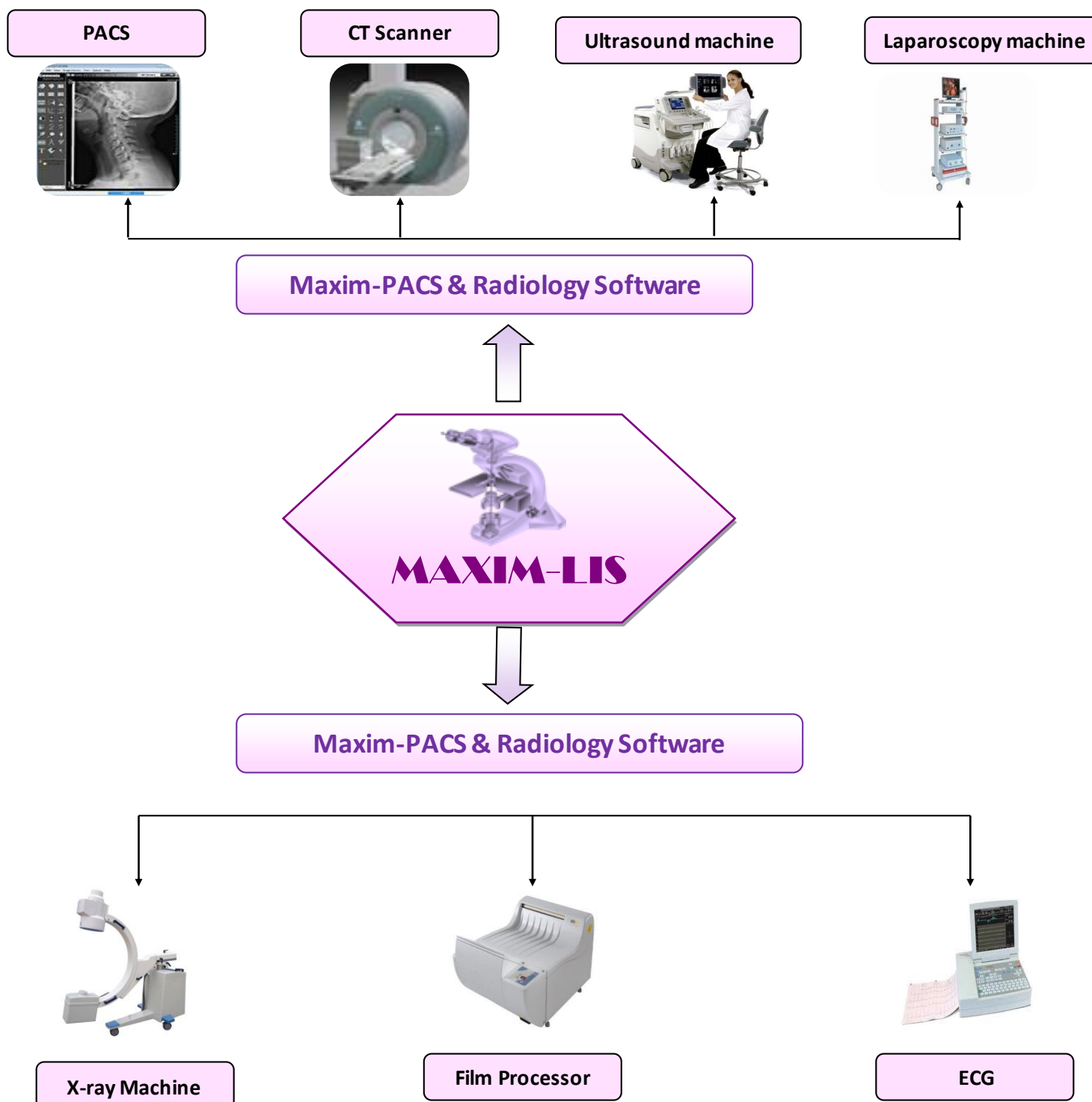


Maxim-LIS can be interfaced with a variety of laboratory analyzers and instruments. More than 500+ instruments interfacing is available.

Connectivity with Gadgets

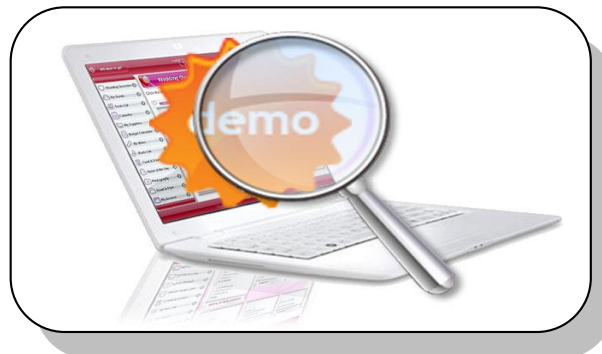


Connectivity with Maxim-PACS & Radiology Software





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.



Corporate Office

111, Gulmohar Centre Point,
Pune Nagar Road,
Near Vibhute Hospital,
Opp. Kothari Wheels Maruti Showroom,
Pune 411014, INDIA.

Website: www.birlamedisoft.com / www.birlahospicon.com

www.pathogold.com / www.netbloodbank.com

Contact Numbers:

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

Enquiries from India:

Global Contact No: Phone/WhatsApp +91 9011026090 

Support: + 91-9011026090 /

Email Ids:

Enquiries: info@birlamedisoft.com (General info / Sales)

Support: support@birlamedisoft.com,

Skype:

Birlamedisoft, WhatsApp: +91 9011026090



MAXIM LIS PLANS



Web Based Software for Diagnostics centre & Pathology Labs

Basic Plan

INR 40,000 / USD 1000

Software : Maxim LIS V1.0

**Modules : All types of Pathology test formates,
Billing & Accounting**

Concurrent Users : 2 Users

Installation : Remotely via web on your server

Training : 1 Days via web.

AMC : INR 5,000/- per year

1 lab instrument interfacing free (Unidirectional Interface only)

GST 18% Extra

Instrument Interfacing :
INR 20,000 for Unidirectional Interfacing
INR 40,000 for Bidirectional Interfacing

Our Unique Feature Work Offline Report Online Not found in any Other Software

Feature Includes :

- Reporting • Billing • Accounting • Inventory • Search Engine • Compliments • Fastest Execution
- Email & SMS Facility • Mobile app • Internet & Intranet Based • Barcoding • Slide attachment
- Rich GUI (Graphic User interface)



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



Web Based Software for Diagnostics centre & Pathology Labs

Silver Plan

INR 80,000 / USD 2000

Software : Maxim LIS V1.0

Modules : All types of Pathology & Radiology Tests formats, Billing & Accounting.

Concurrent Users : 5 Users

Collection Centres : 3 inbuilt

Installation : Remotely via web on your server

Training : 3 Days via web.

AMC : INR 8,000/- per year

2 lab instrument interfacing free (Unidirectional Interface only)

GST 18% Extra

Instrument Interfacing :

INR 20,000 for Unidirectional Interfacing

INR 40,000 for Bidirectional Interfacing

Our Unique Feature Work Offline Report Online Not found in any Other Software

Feature Includes :

- Reporting • Billing • Accounting • Inventory • Search Engine • Compliments • Fastest Execution
- Email & SMS Facility • Mobile app • Internet & Intranet Based • Barcoding • Slide attachment
- Rich GUI (Graphic User interface)



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



Web Based Software for Diagnostics centre & Pathology Labs

Gold Plan

INR 1,50,000 / USD 3000

Software : Maxim LIS V1.0

Modules : All types of Pathology & Radiology Tests formats, Billing & Accounting.

Concurrent Users: 10 Users

Collection Centres : 10 inbuilt

Installation : Remotely via web on your server

Training : 5 Days via web.

AMC : INR 15,000/- per year

3 lab instrument interfacing free (Unidirectional Interface only)

GST 18% Extra

Instrument Interfacing :
INR 20,000 for Unidirectional Interfacing
INR 40,000 for Bidirectional Interfacing

Our Unique Feature Work Offline Report Online Not found in any Other Software

Feature Includes :

- Reporting • Billing • Accounting • Inventory • Search Engine • Compliments • Fastest Execution
- Email & SMS Facility • Mobile app • Internet & Intranet Based • Barcoding • Slide attachment
- Rich GUI (Graphic User interface)



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



Web Based Software for Diagnostics centre & Pathology Labs

Platinum Plan

INR 2,50,000 / USD 5000

Software : Maxim LIS V1.0

Modules : All types of Pathology & Radiology Tests formats, Billing & Accounting.

Concurrent Users: Unlimited.

Collection Centres : Unlimited

Installation : Remotely via web on your server

Training : 7 Days via web.

AMC : INR 25,000/- per year

4 lab instrument interfacing free (Unidirectional Interface only)

GST 18% Extra

Instrument Interfacing :

INR 20,000 for Unidirectional Interfacing

INR 40,000 for Bidirectional Interfacing

Our Unique Feature Work Offline Report Online Not found in any Other Software

Feature Includes :

- Reporting • Billing • Accounting • Inventory • Search Engine • Compliments • Fastest Execution
- Email & SMS Facility • Mobile app • Internet & Intranet Based • Barcoding • Slide attachment
- Rich GUI (Graphic User interface)



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

**Maxim-LIS can be interfaced
with 500+ variety of laboratory
analyzers and instruments.**



CONTACT US

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Visit us



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Click Lab Registration & Register Your Lab

