

MAXIM-LIS

www.birlamedisoft.com/product-maxim.html



Birlamedisoft®
Computing Beyond Imaginations



MAXIM-LIS

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

By

Birlamedisoft



MAXIM-LIS

www.birlamedisoft.com/product-maxim.html

Working of Maxim-LIS



Birlamedisoft
Computing Beyond Imaginations

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
Computing Beyond Imaginations

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 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 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



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**

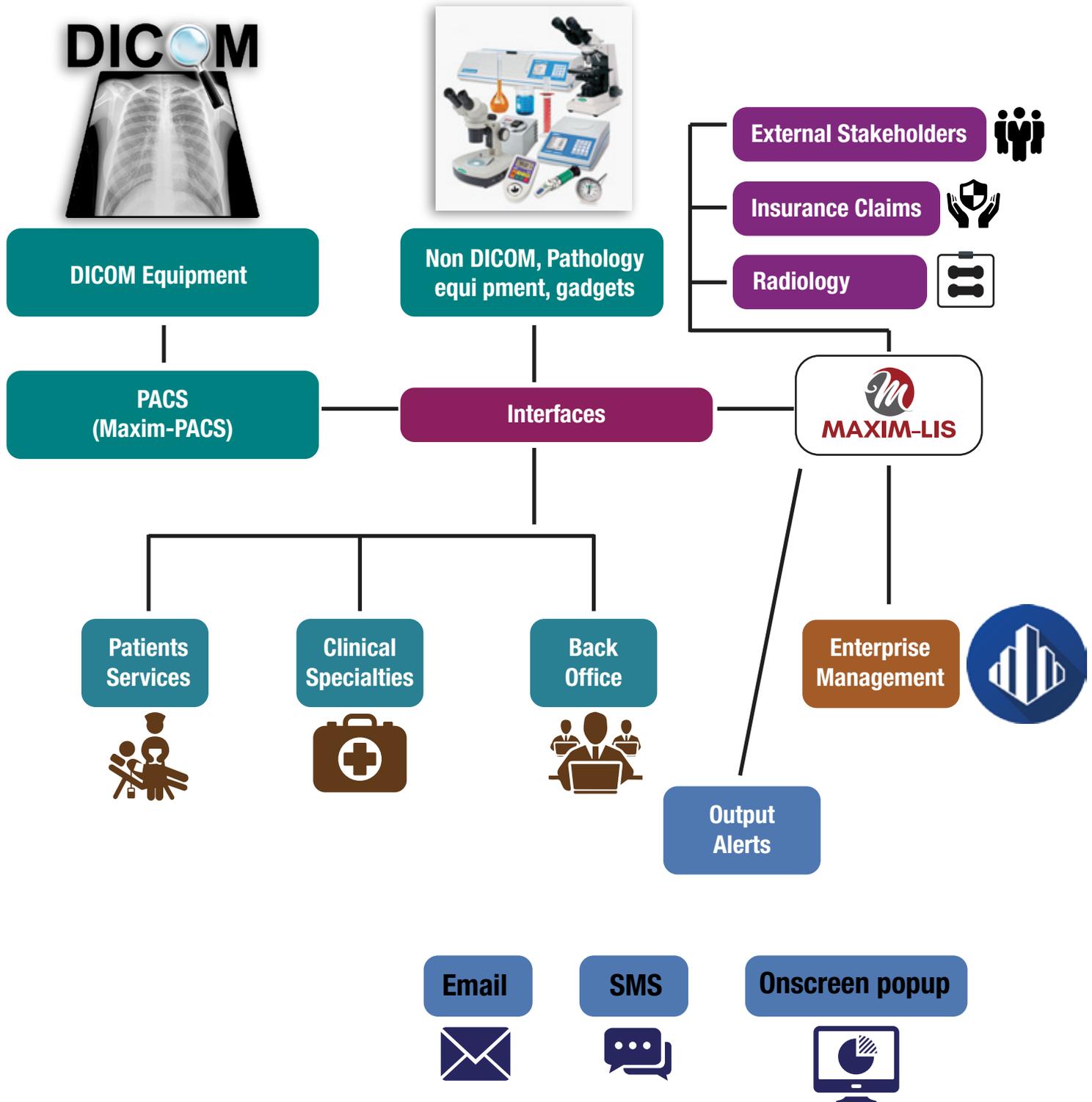


Health Level Seven International

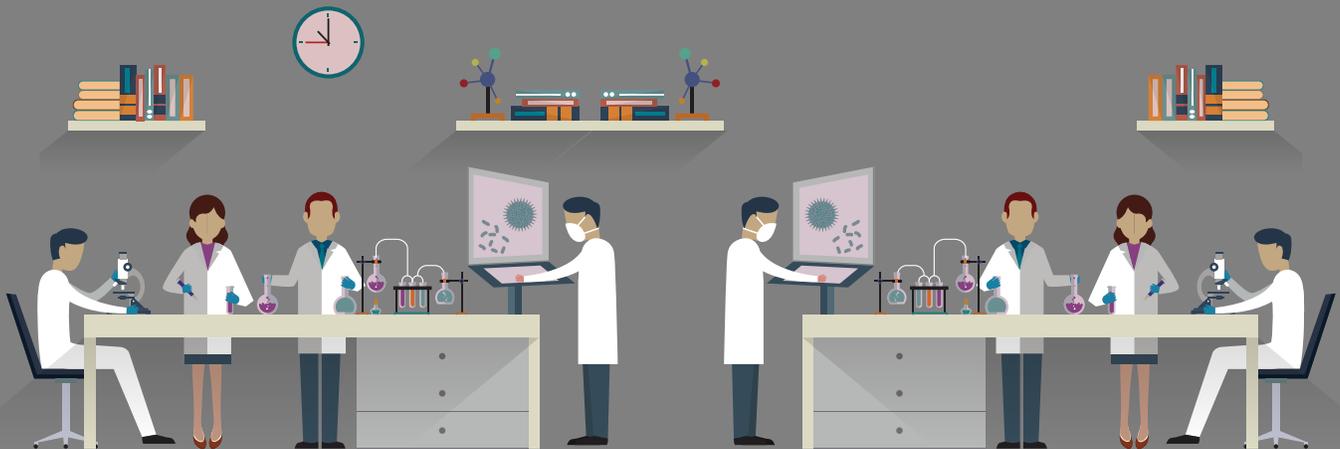
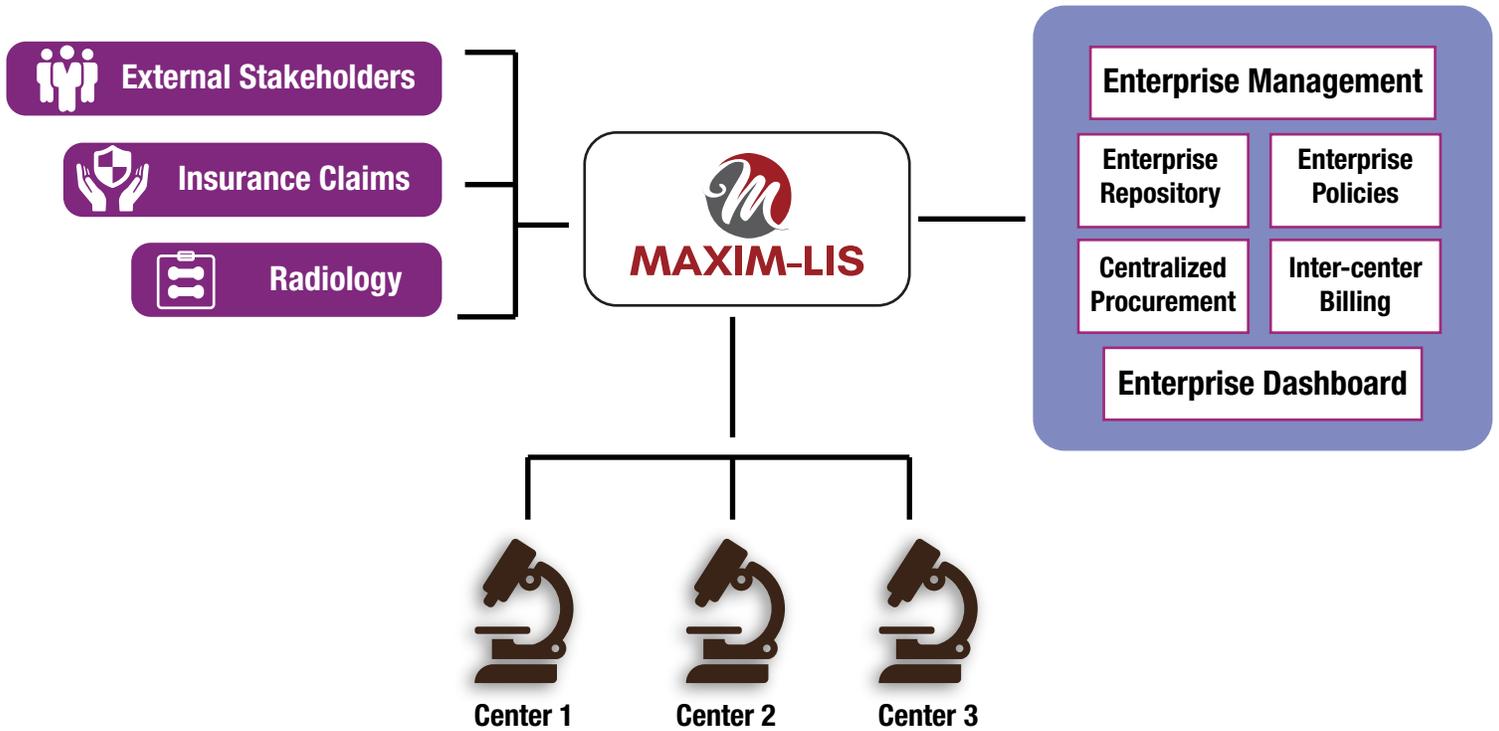


**National Accreditation Board for Testing and
Calibration Laboratories (NABL)**

Maxim-LIS Standalone Architecture



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 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 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)

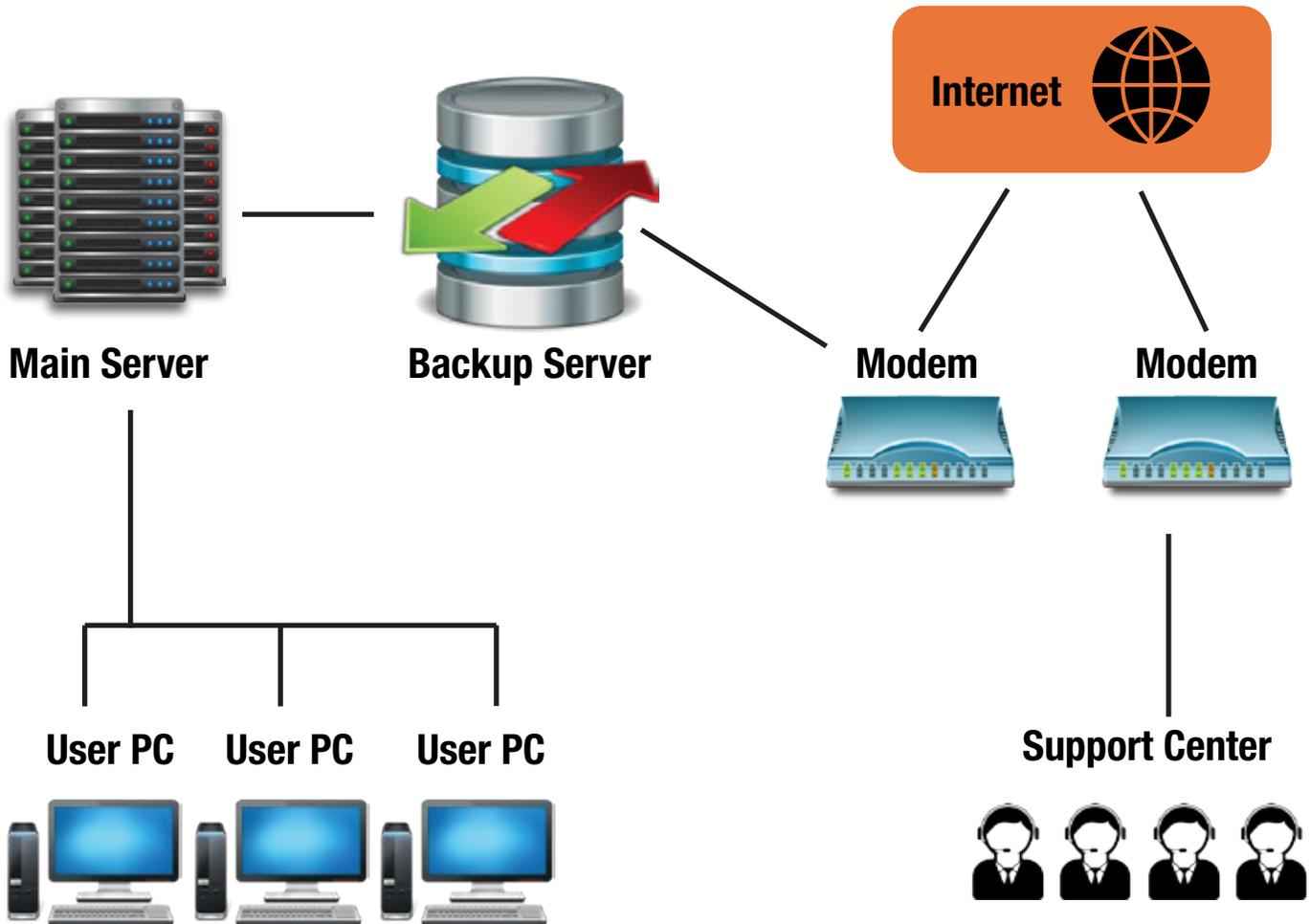
MS SQL server all versions

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



Hardware
Intel Platform, IBM Series

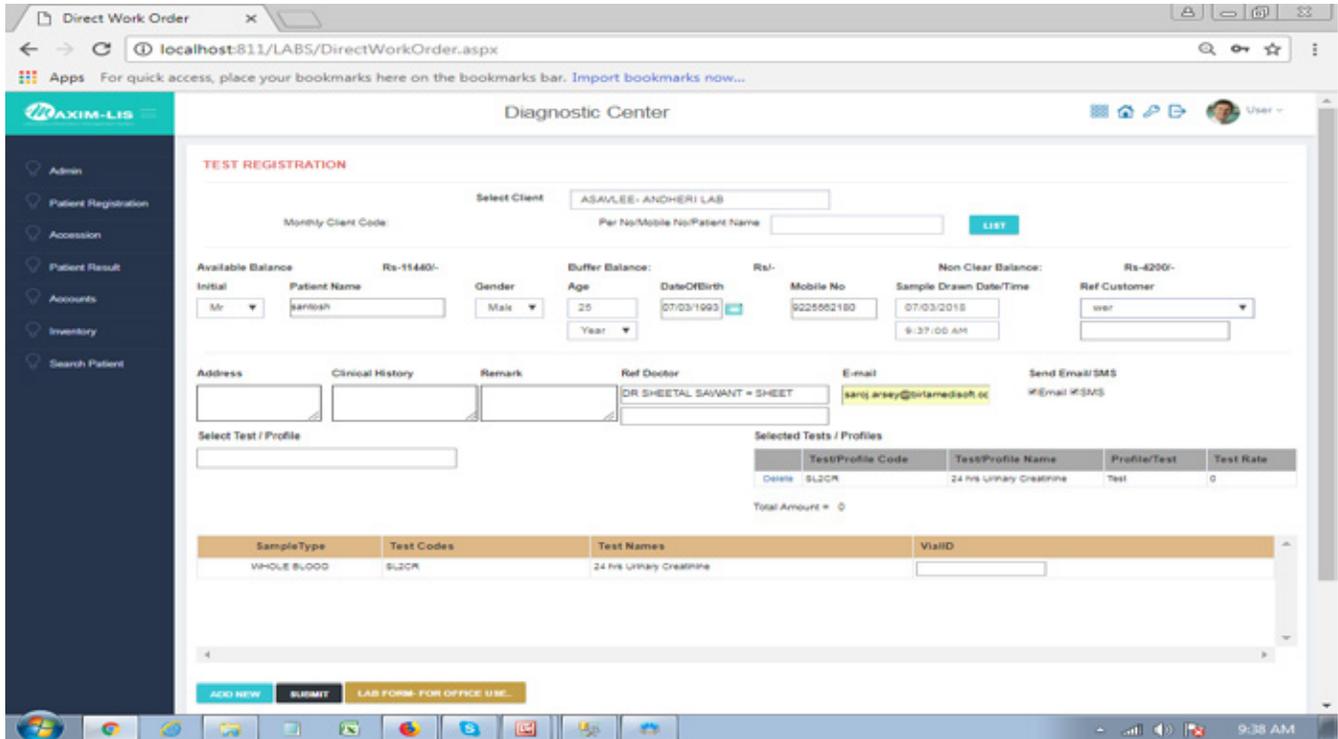
Maintenance & Support



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

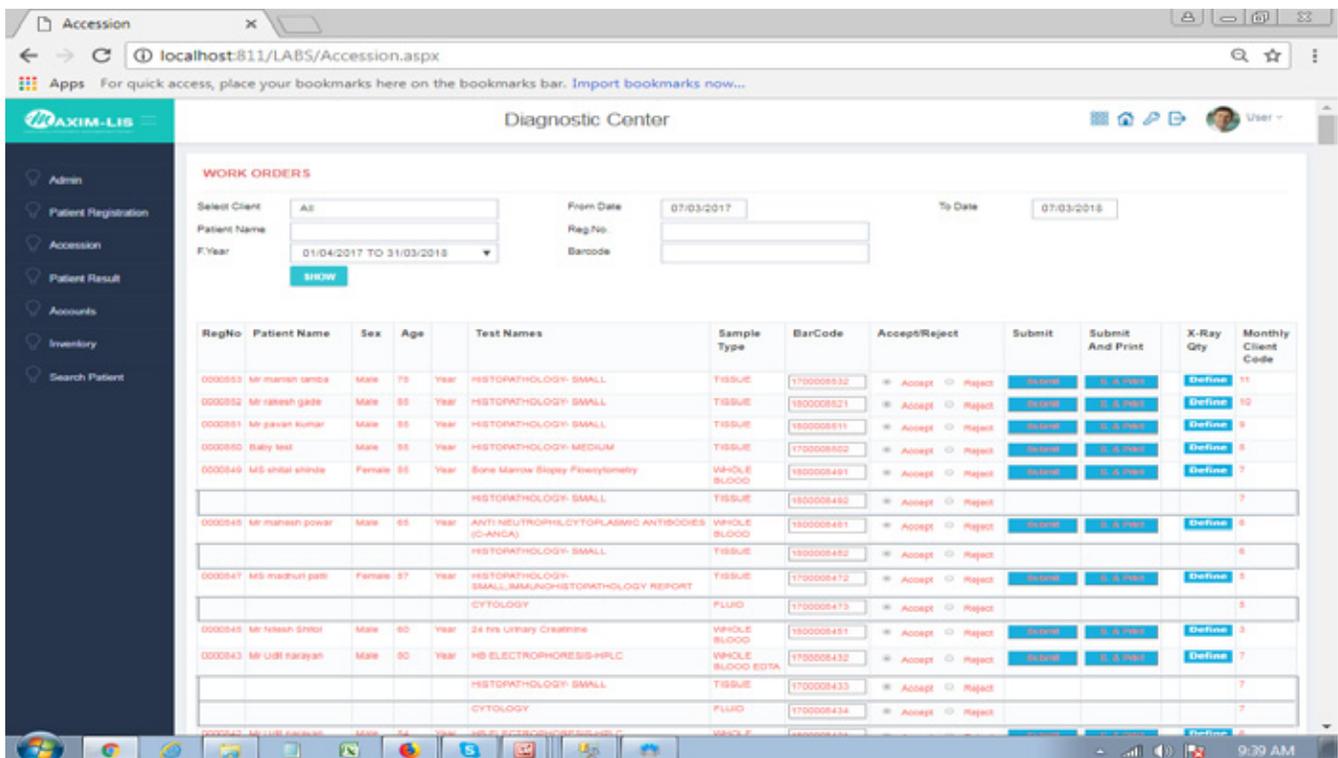
Screenshots

Patient Registration



The screenshot shows the 'TEST REGISTRATION' form in the MAXIM-LIS system. The browser address bar shows 'localhost:811/LABS/DirectWorkOrder.aspx'. The form includes fields for 'Select Client' (ASAVAL,EE- ANDHERI LAB), 'Monthly Client Code', 'Per No/Mobile No/Patient Name', and a 'LIST' button. Financial fields include 'Available Balance' (Rs-11440/-), 'Buffer Balance', 'Non Clear Balance' (Rs-4200/-), and 'Initial' (Rs-). Patient details include 'Patient Name' (saroj), 'Gender' (Male), 'Age' (25), 'DateOfBirth' (07/03/1993), 'Mobile No' (9225552180), 'Sample Drawn Date/Time' (07/03/2018 9:37:00 AM), and 'Ref Customer' (user). Address, Clinical History, Remark, Ref Doctor (DR SHEETAL SAWANT = SHEET), E-mail (saroj_arsey@birlamedisoft.co), and Send Email SMS (Email #SMS) fields are also present. A 'Select Test / Profile' dropdown is empty. A table shows 'Selected Tests / Profiles' with columns: Test/Profile Code, Test/Profile Name, Profile/Test, and Test Rate. One entry is visible: 5L2CR, 24 hrs Urinary Creatinine, Test, 0. A table below shows 'SampleType', 'Test Codes', 'Test Names', and 'VialID'. One entry is visible: WHOLE BLOOD, 5L2CR, 24 hrs Urinary Creatinine, and an empty VialID field. Buttons at the bottom include 'ADD NEW', 'SUBMIT', and 'LAB FORM- FOR OFFICE USE...'. The system tray shows the time as 9:38 AM.

Accession



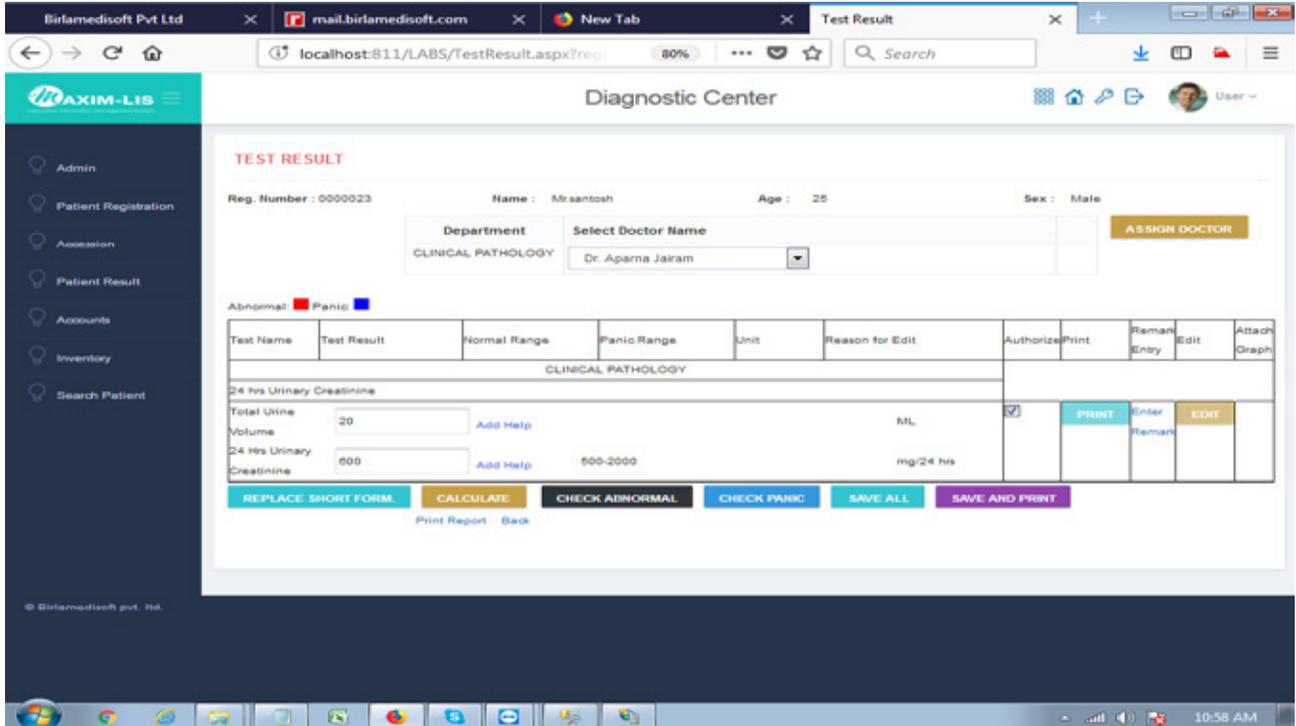
The screenshot shows the 'WORK ORDERS' form in the MAXIM-LIS system. The browser address bar shows 'localhost:811/LABS/Accession.aspx'. The form includes fields for 'Select Client' (AS), 'Patient Name', 'F:Year' (01/04/2017 TO 31/03/2018), 'From Date' (07/03/2017), 'To Date' (07/03/2018), 'Reg.No', and 'Barcode'. A 'SHOW' button is present. Below the form is a table with columns: RegNo, Patient Name, Sex, Age, Test Names, Sample Type, BarCode, Accept/Reject, Submit, Submit And Print, X-Ray Qty, and Monthly Client Code. The table contains 15 rows of data.

RegNo	Patient Name	Sex	Age	Test Names	Sample Type	BarCode	Accept/Reject	Submit	Submit And Print	X-Ray Qty	Monthly Client Code
000553	Mr manish kanda	Male	75	HISTOPATHOLOGY- SMALL	TISSUE	1700008932	Accept Reject	Submit	0, 0, 0, 0	Define	11
000552	Mr ramesh gade	Male	55	HISTOPATHOLOGY- SMALL	TISSUE	1500008921	Accept Reject	Submit	0, 0, 0, 0	Define	10
000551	Mr gagan kumar	Male	55	HISTOPATHOLOGY- SMALL	TISSUE	1500008911	Accept Reject	Submit	0, 0, 0, 0	Define	9
000550	Baby test	Male	55	HISTOPATHOLOGY- MEDIUM	TISSUE	1700008902	Accept Reject	Submit	0, 0, 0, 0	Define	8
000549	MS shilpa shinde	Female	55	Bone Marrow Sloppy Ploidyometry	WHOLE BLOOD	1500008491	Accept Reject	Submit	0, 0, 0, 0	Define	7
				HISTOPATHOLOGY- SMALL	TISSUE	1500008482	Accept Reject	Submit	0, 0, 0, 0	Define	7
000548	Mr mahesh ponkar	Male	55	ANTI NEUTROPHILCYTOPLASMIC ANTIBODIES (C-ANCA)	WHOLE BLOOD	1500008481	Accept Reject	Submit	0, 0, 0, 0	Define	6
				HISTOPATHOLOGY- SMALL	TISSUE	1500008482	Accept Reject	Submit	0, 0, 0, 0	Define	6
000547	MS madhuri patil	Female	57	HISTOPATHOLOGY- SMALL IMMUNOHISTOPATHOLOGY REPORT	TISSUE	1700008472	Accept Reject	Submit	0, 0, 0, 0	Define	5
				CYTOLOGY	FLUID	1700008473	Accept Reject	Submit	0, 0, 0, 0	Define	5
000545	Mr Nilesh Shinde	Male	50	24 hrs Urinary Creatinine	WHOLE BLOOD	1500008451	Accept Reject	Submit	0, 0, 0, 0	Define	3
000543	Mr Udit Karjane	Male	50	HB ELECTROPHORESIS+PLC	WHOLE BLOOD EDTA	1700008432	Accept Reject	Submit	0, 0, 0, 0	Define	7
				HISTOPATHOLOGY- SMALL	TISSUE	1700008433	Accept Reject	Submit	0, 0, 0, 0	Define	7
				CYTOLOGY	FLUID	1700008434	Accept Reject	Submit	0, 0, 0, 0	Define	7

The system tray shows the time as 9:39 AM.

Screenshots

Result Entry



TEST RESULT

Reg. Number : 0000023 Name : Mrsantosh Age : 25 Sex : Male

Department: CLINICAL PATHOLOGY Select Doctor Name: Dr. Apama Jairam **ASSIGN DOCTOR**

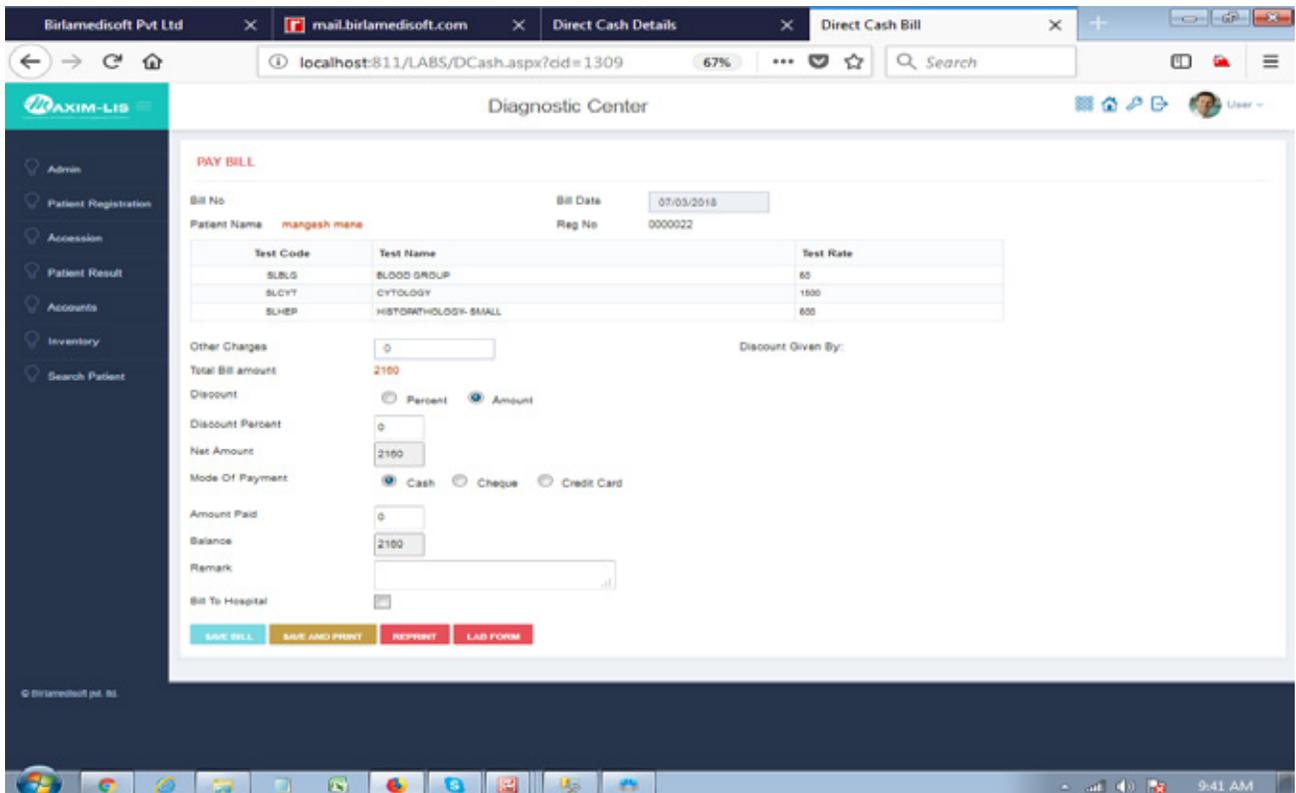
Abnormal: Panic:

Test Name	Test Result	Normal Range	Panic Range	Unit	Reason for Edit	Authorize	Print	Remark Entry	Edit	Attach Graph
CLINICAL PATHOLOGY										
24 hrs Urinary Creatinine										
Total Urine Volume	20			ML		<input checked="" type="checkbox"/>	PRINT	Enter Remark	EDIT	
24 hrs Urinary Creatinine	600		500-2000	mg/24 hrs						

REPLACE SHORT FORM **CALCULATE** **CHECK ABNORMAL** **CHECK PANIC** **SAVE ALL** **SAVE AND PRINT**

Print Report Back

Bill Payment



PAY BILL

Bill No: Bill Date: 07/03/2018

Patient Name: mangesh mane Reg No: 0000022

Test Code	Test Name	Test Rate
SBLG	BLOOD GROUP	50
SLCYT	CYTOLOGY	1500
SLHEP	HISTORHOTOLOGY-SMALL	500

Other Charges: 0 Discount Given By:

Total Bill amount: 2100

Discount: Percent Amount

Discount Percent: 0

Net Amount: 2100

Mode Of Payment: Cash Cheque Credit Card

Amount Paid: 0

Balance: 2100

Remark:

Bill To Hospital:

SAVE BILL **SAVE AND PRINT** **REPRINT** **LAB FORM**

Connectivity – Interfacing with Devices



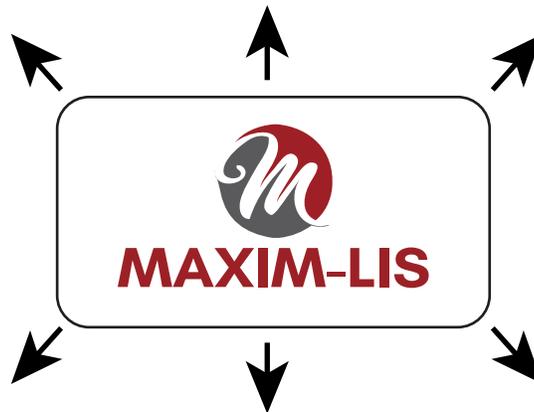
Biochemistry Analyzer



Blood Gas Analyzer



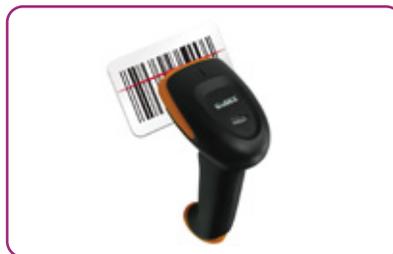
Hematology Analyzer



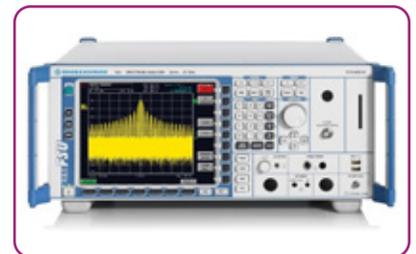
Chemistry Analyzer



Barcode Device



Spectrum Analyzer



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

Connectivity with Gadgets



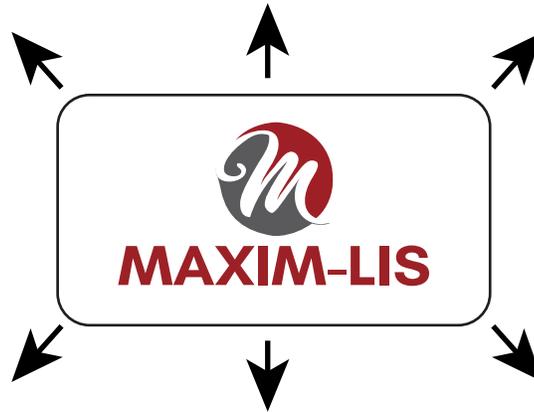
Fingerprint Authentication Device



Web Camera



Plastic Card Printer



Scanner



Smart Phones



Tablet



Connectivity with Maxim-PACS & Radiology Software



PACS



CT Scanner



Ultra sound machine



Laparoscopy machine

Maxim-PACS & Radiology Software



Maxim-PACS & Radiology Software

X-ray machine



Film processor



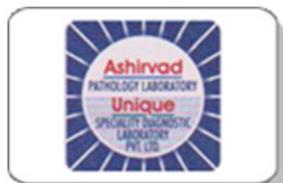
ECG



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:



Demo

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.*



Appreciation



Birlamedisoft®
Computing Beyond Imaginations





MAXIM-LIS

www.birlamedisoft.com/product-maxim.html



Birlamedisoft®

Computing Beyond Imaginations

CONTACT US

CORPORATE OFFICE

Birlamedisoft Pvt. Ltd.

111, Gulmohar Centre Point, Pune Nagar Rd,
Viman Nagar Corner, Pune -411014, INDIA

Phones: +91 90110 26090,+91 94225 21434

☎ Skype: Birlamedisoft 🗨️ Whats app: +91 90110 26090

✉️ birlamedisoft@gmail.com ✉️ info@birlamedisoft.com

🌐 www.birlamedisoft.com

