



National Technology

Clinical Information Systems

For Now and Tomorrow



LDM
Laboratory Data Manager

BBM
Blood Bank Manager

BI
Business Intelligence

Mobile App
LDM Mobile Application

www.nt-me.com

National Technology

A story of true customer partnership

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National Technology is a leading provider of integrated laboratory and clinical information systems for healthcare industry in the Middle East.

We are committed to combining the most effective technologies, innovative designs and production methodologies to create user-friendly, robust and cost-effective solutions that would enhance productivity, competitiveness and fulfill the operational needs of our customers.

National Technology provides world-class laboratory Information Management System (LIMS), middleware software as well as blood bank software, Pathology Management System, Material Management System, Business Intelligence and Mobile Application.

The idea of National Technology started in 1996 to fill the gap in healthcare information technology market in the Middle East.

- In 1997, National Technology was initially established with a goal to provide laboratory information Management system.
- By the end of 1997, the first simple LIMS developed by National Technology was installed in Egypt.
- In 1998, the first analyzer was interfaced to the LIMS.
- In 1999, National Technology took its current legal shape and started a true success story.

Now, National Technology is a leading LIMS market player with a customer base of more than +1000 Labs, including the biggest entities in the private and public health sector in Egypt, also operating in other countries in MENA region and Africa (KSA, UAE, Kuwait, Qatar, Iraq, Sudan and Nigeria).

Facts about National Technology

- Proven record over 20 years of experience in LIMS business.
- Over 1000+ fully-satisfied labs.
- Operates in 9 countries
- Used by 3000+ healthcare professional daily.
- Serves 180,000 + patients daily.
- 115 professionals.
- Customer-focused organization.
- Business problems, needs and expectations are well understood.
- Innovative solutions provider for now and the future.
- Distinctive project management and smooth systems implementation.
- Offering the highest effective training.
- Outstanding 24x7 customer support.
- Oracle and Microsoft partner.

Laboratory Data Manager LDM™

The perfect system for managing all your laboratory areas.

Overview

Laboratory Data Manager (LDM) is a fully-featured Laboratory Information Management System (LIMS) that covers all functional areas of multi-specialty laboratory. LDM provides better patient care, safety and process efficiency that reduce operating costs and increase profitability.



Laboratory Data Manager LDM™

The perfect system for managing all your laboratory areas.

What makes LDM the 1st choice for laboratory professionals?

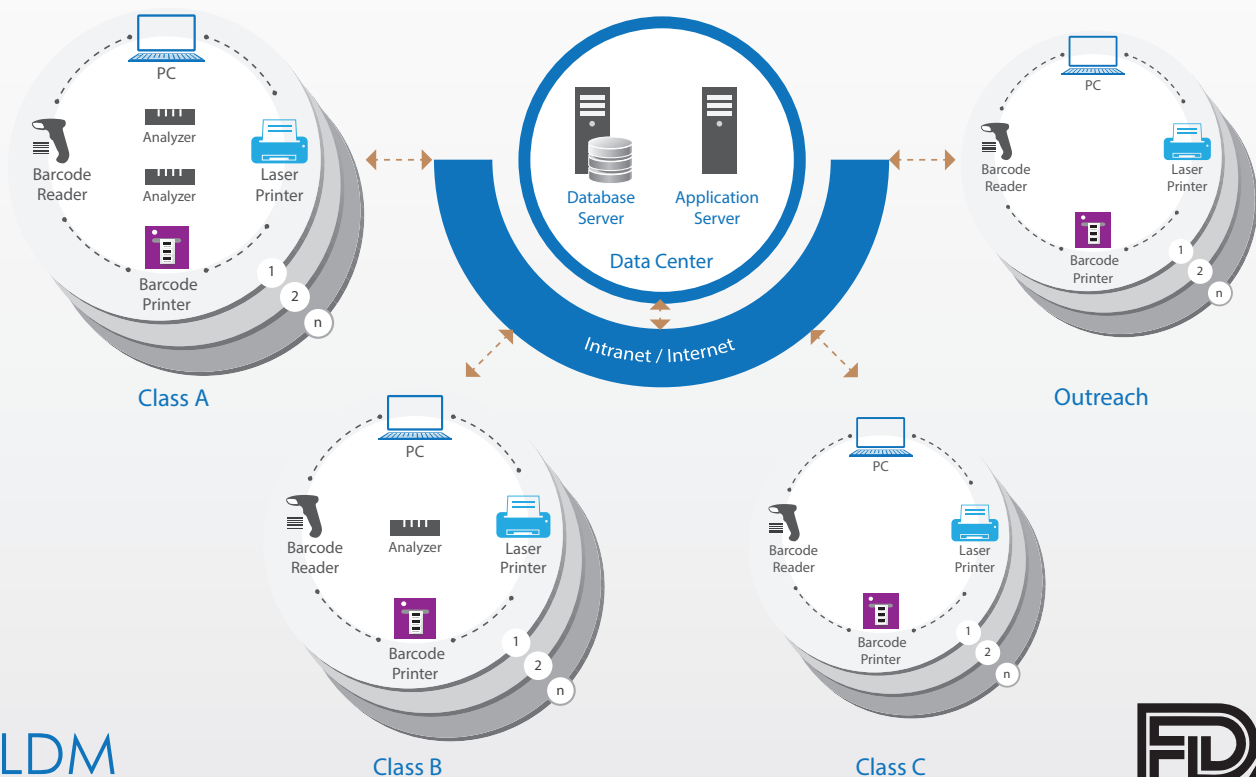


Ease of use

LDM core module is the engine that runs basic LIMS functions, like patient-data management, order entry, test necessity check, sample labeling, work-list distribution, result entry, review and release, workflow monitoring and management reports. LDM core module is exceptionally user friendly with very short steps to perform any function.

Reliability

LDM is built upon the most trusted name in database technology, Oracle. The Oracle database provides optimum data storage, security and performance. LDM is now installed in more than 700 sites in eight countries—serving more than 120,000 patients per day and continues to grow in the middle east because of its robustness and quality.



Laboratory Data Manager LDM™

The perfect system for managing all your laboratory areas.



Configurability

LDM is configurable to manage workflow through different laboratory areas—from order entry through distribution, scheduling, sample tracking, results release to final report production.



Flexibility

Depending on your business needs, infrastructure and budget LDM can be implemented in one of the following two architectures:

Web Based Version

Web LDM is a web-based solution having all standard LIMS features plus the amazing new web features:

- Working with all laboratory locations and branches, referring doctors, customers and payers in real time and on one network.
- Tracking samples in real time from any place over the Internet.
- Reviewing and releasing data from any place even on the go.

Desktop Version

Working on local area networks for customers having less network connectivity infrastructure between laboratory locations and branches.

LDM runs in each laboratory location or branch on a small server that synchronizes its orders, results and financials with the main server in near real time over secure ordinary Internet connections.



Connectivity

Automating data exchange between LIMS and automated laboratory analyzers, dramatically speeds up the analysis process and eliminates many potential sample programming and result typing errors. LDM interfaces with 2000+ analyzer of 230+ different clinical analyzer models, including core lab automation systems, pre-analytical instruments down to smaller analyzers.



24x7 Support

Our support team delivers predictable, reliable, responsive and timely service to our customers through a single point of contact for all service requests, common services and support processes. Our technical team is always available to answer questions and promptly resolve service requests. The National Technology service team includes experienced system and technology specialist providing expedient and reliable solutions to customer requests.



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Openness

LDM integrates with Hospital Information Systems (HIS), Electronic Medical Records (EMR) and financial systems using standard HL7 protocol and implementing ICD10, LOINC and CPT 4 codes. Custom integrations are developed for systems not supporting the HL7 format.

Administration

- Stock Control
- Patient Accounting
- Performance Monitoring
- Top Management
- Data Analysis & Mining

Laboratory

- Haematology
- Chemistry
- Immunology
- Microbiology
- Sample Tracking
- Quality Control Monitoring

Results Reporting
(Print, Email, Fax, Web)

Results Review/Release

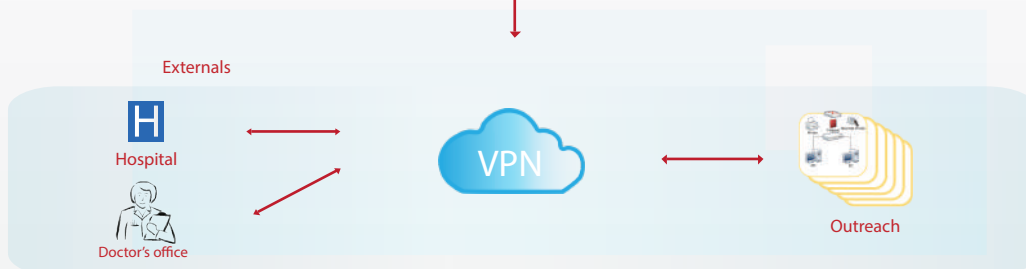
Order Registration

- Glucose Meters
- ABG
- Urine
- Coagulation

Point of Care

Resulting

Front Office



Quality

National Technology is committed to applying solid software developmental methodologies and quality procedures along with the project management methodologies to ensure all implementation processes are done on time, our robust software proudly complies with both the structural and functional quality standards that we can assertively describe it as a world class system.

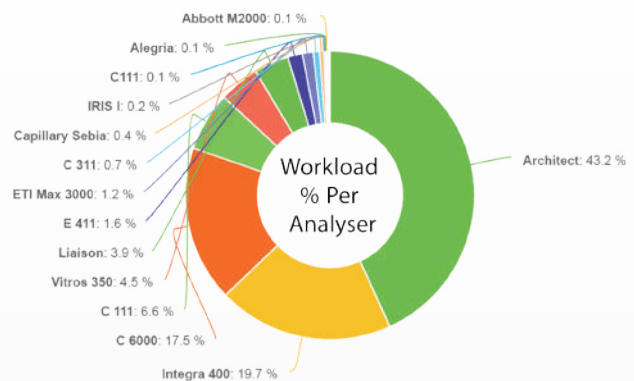
Business Intelligence™

Overview

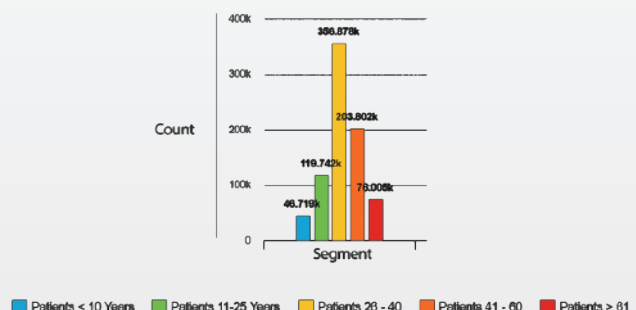
LDM-BI puts analytic tools at the fingertips of laboratory managers to improve decision making, cut costs and identify new business opportunities. With LDM-BI laboratory managers can analyze data themselves, rather than wait for IT to run complex reports. This infinite flow of data helps them take solid business decisions that would otherwise be based only on assumptions.

Key Benefits

- No more guesswork.
- Improve efficiency and save a lot of time by getting insights within seconds.
- Get the data you need when you need, in a readily understandable format.
- Identify new opportunities.
- Get a 360 view of your customers, understand customer behavior better and use it to provide the customer with customized offers.
- Provide detailed work load data in a dynamic manner to better align staffing levels.
- Identify new revenue opportunities.
- Track operational KPI's easily.
 - Sampling, sample tracking ,TAT
 - Material consumption
 - Analysers utilization
 - Quality control
 - Results
 - Workload forecasting
 - Sales and collection



Customer Segmentation



Blood Bank Manager BBM™

In blood bank management, safety always comes first.

Safety First

Overview

BBM provides the blood bank staff with the power, control and functionality needed to safely and properly collect, process, store and deliver blood products. BBM helps supply the needed blood to the right recipient whenever and wherever requested.

What makes blood bank manager system a must have?

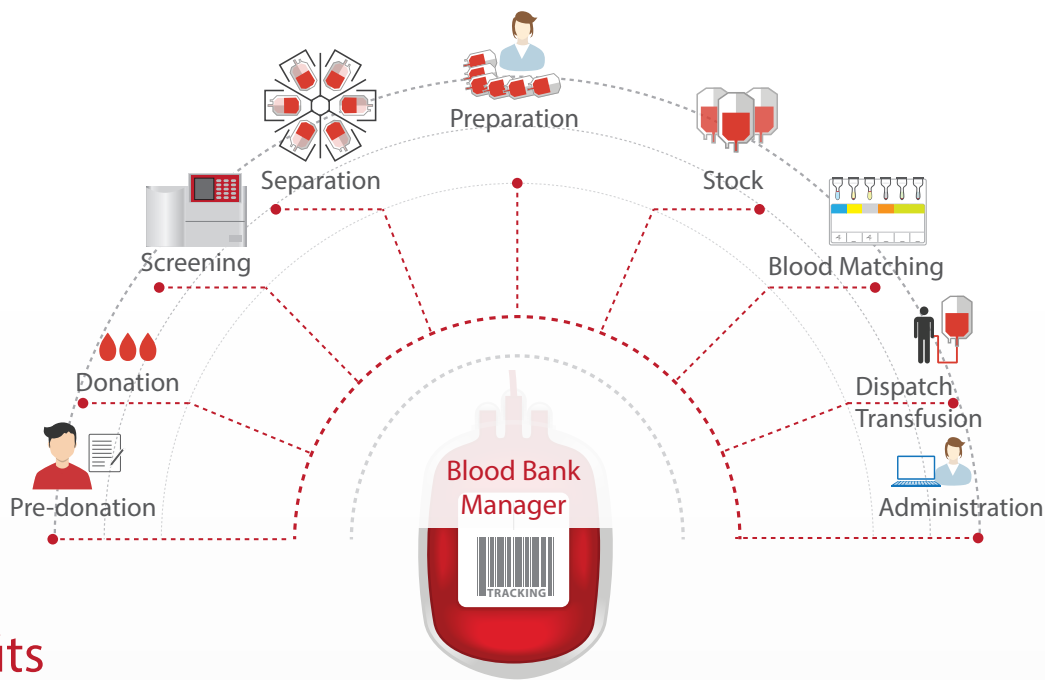
Features

- Collection blood drives scheduling and management.
- Donor recruitment
(SMS text messaging, e-mails, What's app, Social media, etc...).
- Mobile sessions/laptops.
- Donor management.
- Donation management.
- Manage all donation types:
(Volunteer - Direct - Specific-recipient - Recipient credit - Autologous - Apheresis)
- Component separation, preparation and special modification.
- Laboratory testing of donors, donated blood and components.
- Integration with automated screening, grouping, crossmatching analyzers, donation devices and storage devices.
- Inventory management of products.
- Bed side verification of recipient ID and bag ID before transfusion.
- Donation and transfusion adverse reaction recording and tracking.
- English/Arabic user selectable interface.



Blood Bank Manager BBM™

In blood bank management, safety always comes first.



Benefits

Safety

- Unique identification for each blood collection process ISBT 128 labeling .
- Labeling for samples applied immediately at donation site.
- Direct interface with blood testing, grouping and crossmatching analyzers to eliminate any potential errors.
- Automatic periodic check for expired blood products in stock.
- Label check of crossmatched bags before dispatch to recipient.
- Permanent deferral list for donors with positive screening results

Data security

- Full transaction logging to save, computer name, user name, date and time of any performed function.
- Secure Oracle database.
- Multiple-user access security levels.
- Automatic periodic backup to secure recovery in case of hardware failures.
- Supports online replication with other servers.

Data handling automation

- Covers all blood bank areas in multiple locations.
- Utilizes label scanning in all-data entry and retrieval processes for fast, error-free transactions.
- Interface to hospital information system (HIS) to receive blood reservation orders.
- Very few steps to perform any function.
- Full tracking for all blood units from donation to transfusion.
- Traceability for all related products and previous donations.

Openness

- Supports simultaneous operation of multiple blood donation and distribution centers in hierarchical manner (rural, regional and national).
- Interfaces to hospital information systems (HIS) to receive blood transfusion orders.

LDM Mobile Application

Overview

LDM mobile application is a great tool to build client loyalty and retention. Now with LDM Mobile application doctors, patient and clients are notified as soon as results are released with the option of online viewing, forwarding or sharing with others. Laboratories can send specific messages to patients with personalized health tips, reminders, greetings and test results. Be visible to your clients all the time with your latest personalized offers and promotions.

LDM application Benefits

- Stand out from the competition.
- Information, promotion's and news are right at your clients fingertips.
- Send push notification reminders to your clients with their next follow up tests and personalized health tips.
- Send your customized news letters to each client segment.
- Better service to patients by instant delivery of their results to their mobiles.
- Direct channel to get feedback and complaints from clients.
- Strong backend tools to configure the content seen by clients and continuous updates of provided services, content text, images, links and files.



Added value

- Better turnaround time for clinicians and hospitals by instant delivery of their patients' results.
- Provide personal communication with your clients by providing many health index calculators and converters with a specialized Woman's Health section.
- Added value to clients by referring to reputable medical references and links of important and useful healthcare sites.
- Clearly point out your contact numbers, locations on maps and directions to your nearest lab location.
- Better traffic to your website by linking mobile application content with website.
- Better traffic to your social media pages and channels.
- Reach out to younger demographics.

About National Technology

Our vision

- To provide technological innovations for a healthier and safer society.
- To achieve medical software industry leadership—locally and internationally—and achieve continuous growth.
- To provide better job opportunities for distinctive professionals.

Our mission

National Technology is a supplier of integrated laboratory and clinical information systems for the healthcare industry. We are committed to combining the most effective technologies, innovative designs and production methodologies to create user-friendly, robust and cost-effective solutions that would enhance productivity, competitiveness and fulfill the operational needs of our clients.

Our values



National Technology supports more than 230 customers—serving more than 120,000 patients on a daily basis in more than 700 laboratories. To know more about our customers, please visit our website www.nt-me.com



Microsoft
Partner

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ASR
ISO 9001 : 2008 Cert:3191

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