THE ESSENTIAL ELEMENT of a SUCCESSFUL LABORATORY

LABDAQ® LABORATORY INFORMATION SYSTEM (LIS) IS A SCALABLE SOLUTION TRUSTED BY THOUSANDS OF PHYSICIANS AND LABORATORY PROFESSIONALS EVERY DAY.

EXPERIENCE THE POWER OF LABDAQ.
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INTRODUCTION TO THE POWER OF LABDAQ

LABDAQ LABORATORY INFORMATION SYSTEM (LIS), IS A TRUSTED SYSTEM USED BY THOUSANDS OF PHYSICIANS AND LABORATORY PROFESSIONALS EVERY DAY. LABDAQ CAN BE FOUND IN VIRTUALLY EVERY CLINICAL LABORATORY ENVIRONMENT INCLUDING PHYSICIAN OFFICES, CLINICS, REFERENCE LABORATORIES AND HOSPITALS.

LabDAQ can be customized to meet the needs of many types of facilities, such as student health centers, veterinary offices, pain management clinics, toxicology and specialty testing reference laboratories. The “client-specific configuration” allows CompuGroup Medical to deliver a customized software solution, designed for your facility.

LabDAQ is a scalable solution that is able to grow with your facility. Additional interfaces and modules are available and can be added at any time based on the changing demands of your laboratory. LabDAQ’s integration with the EHR will assist with meeting Meaningful Use criteria.

EXPERIENCE THE POWER OF LABDAQ

MAXIMIZED REIMBURSEMENTS

There are various tools built into LabDAQ that ensure laboratory tests are billed correctly. User defined rules will ensure that all testing and billing procedures are tracked and enforced, assisting with accurate and timely payment to your facility.
TOTAL CONNECTIVITY
LabDAQ LIS provides real-time access to all necessary parties outside the laboratory. Interfaces with your EHR and practice management system (orders, demographics, results and billing information) provide your practice with total connectivity. Bi-directional interfaces to national and regional reference laboratories are also available.

INCREASED PATIENT SAFETY
Patient care is of the highest importance for all healthcare professionals. LabDAQ improves efficiency while reducing errors ensuring results are precise, accurate, and available to providers as quickly as possible.

IMPROVED WORKFLOW
LabDAQ is easily configured to fit into your facility’s unique environment. The LIS will automate pre-analytic, analytic and post-analytic activities, eliminating tedious manual entry and reducing the possibility of human error.

REGULATORY AND HIPAA COMPLIANCE
CompuGroup Medical works closely with regulatory agencies to provide the required tools to assist with compliance. LabDAQ has an established record of updating software to meet new regulations. Laboratory inspections require less preparation with LabDAQ’s Quality Control module and user defined rules ensure that laboratory procedures are followed.

DATA INTEGRITY AND SECURITY
LabDAQ is built on the most trusted name in database technology, Oracle. The Oracle database provides optimum data storage, security and performance.
LABDAQ INCLUDES MULTIPLE TOOLS TO MAXIMIZE PROFITABILITY OF THE LABORATORY:

- Integration with a billing system ensures all laboratory charges are captured and billed.
- Medical necessity checking automatically confirms the diagnoses are appropriate for tests ordered. This includes printing an Advanced Beneficiary Notice (ABN), documenting the patients’ responsibility for payment if the tests are not covered by Medicare.
- Test routing rules will route tests to the appropriate reference laboratory preventing your laboratory from performing tests that will not be reimbursed.
- Cost accounting reports display costs vs. revenue for the tests performed.
- The Preventative Services report improves laboratory revenue by prompting the user when patient screening tests can be performed, as allowed by Medicare.

Medical necessity checking ensures timely reimbursements.
WITH LABDAQ, YOU CAN SHARE YOUR DATA. IN REAL-TIME.

TOTAL CONNECTIVITY

LABDAQ RAPIDLY PROCESSES ORDERS AND DISSEMINATES RESULTS, PROVIDING THE ABILITY TO EFFECTIVELY SHARE DATA THROUGHOUT YOUR FACILITY. LABDAQ’S DEDICATED SYSTEMS INTEGRATION DEPARTMENT ENSURES ANY INTERFACE YOUR ORGANIZATION REQUIRES WILL BE COMPLETED EFFICIENTLY.

LABDAQ HAS AN ESTABLISHED LIBRARY OF INTERFACES:

- Laboratory Analyzers
- Electronic Health Records (EHR)
- Hospital Information Systems (HIS)
- Practice Management Systems
- National and Regional Reference Laboratories
- Laboratory Outreach Systems
- State Health Departments

MEANINGFUL USE COMPLIANCE »

Incorporating clinical laboratory results into the EHR as structured data and Computerized Physician Order Entry (CPOE) of laboratory orders are Core objectives when working towards Meaningful Use compliance in Stage 2. A bi-directional interface to a certified EHR will satisfy these objectives, allowing your facility to receive government incentives. LabDAQ has established interfaces with most certified EHRs available today.
INCREASED PATIENT SAFETY

WITH THE SHORTAGE OF QUALIFIED LABORATORY SCIENTISTS, IT’S VERY IMPORTANT TO BE SURE YOU’RE RUNNING A LEAN OPERATION WITHOUT SACRIFICING PATIENT CARE.

LABDAQ IMPROVES EFFICIENCY WHILE REDUCING ERRORS. LABDAQ SUPPORTS GOOD LABORATORY PRACTICES THROUGHOUT THE TESTING PROCESS AND ENSURES THAT RESULTS ARE PRECISE, ACCURATE, AND AVAILABLE TO PROVIDERS.

The system will enhance patient care in your office with various features including:

- Accurate patient identification with specimen labeling
- Specimen and container requirements ensure specimens are collected correctly
- Real-time faxing, emailing, and result export to the EHR will ensure critical patient results are distributed quickly and effectively
- Automatic alerts for critical test results
- Critical call logs and audit reports
WITH LABDAQ, YOU CAN STREAMLINE AND SIMPLIFY LABORATORY PROCESSES.

IMPROVED WORKFLOW

LABDAQ WILL AUTOMATE MANY PROCESSES THROUGHOUT THE DIFFERENT PHASES OF TESTING. EACH LAB ENVIRONMENT IS UNIQUE AND COMPUGROUP WILL WORK WITH YOU TO IMPROVE THE CURRENT WORKFLOW, REDUCING TURNAROUND TIME AND INCREASING EFFICIENCY. LABDAQ’S USER FRIENDLY DESIGN REDUCES TRAINING TIME, ALLOWING NEW USERS TO BE MORE PRODUCTIVE.

LABDAQ AUTOMATES PROCESSES WITH:

- Integration to the EHR, eliminating duplicate entry of orders and demographics
- Automatic reflexing of tests based on specific criteria
- Immediate dissemination of results
- Simplified management of reference lab orders and results
- Multi-task bar to manage multiple screens and minimize screen clutter
RULES FOR AUTOMATED WORKFLOW »

The rules engine allows users to create rules to eliminate errors and assist in decision making throughout the testing process. Rules are based on “if…then” criteria and can range from simple checks for required insurance data to highly complex scenarios.

RULE TYPES IN LABDAQ INCLUDE:

<table>
<thead>
<tr>
<th>Ordering rules</th>
<th>Result review &amp; Autoverification rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test routing rules</td>
<td>Billing rules</td>
</tr>
<tr>
<td>Report dissemination rules</td>
<td>Microbiology rules</td>
</tr>
</tbody>
</table>

REFERENCE LAB INTERFACES »

A bi-directional interface to national and regional reference laboratories consolidates orders and results in LabDAQ. The Ref Lab Reconciler eliminates unnecessary time spent correcting mismatched patient data and unsolicited results received from a reference lab. Users can also create new patients based on the data imported from the reference lab if required.

DAQWEB REMOTE ORDER SOLUTION »

DAQweb is a web-based solution designed for hospitals, reference laboratories, and multiple site facilities to provide remote access for laboratory orders and results. Its simplistic design mimics LabDAQ and is extremely easy to implement and use.
WITH LABDAQ, YOUR VALUABLE LABORATORY DATA IS SECURE.

REGULATORY & HIPAA COMPLIANCE

LABDAQ PROVIDES ADVANCED FUNCTIONALITY TO SUPPORT HIPAA AND REGULATORY COMPLIANCE.

LABDAQ FEATURES INCLUDE:

• Strong password protection
• User permission settings
• An audit trail that records system access at the user level
• Panel security that protects sensitive data, such as STD or toxicology results
• Control Graph Studies that display multilevel controls on a single graph
• Scheduled QC
• QC rules prevent the release of results if QC has not been run or is unacceptable
• Corrective action logs
• Linearity and correlation studies
DATA INTEGRITY & SECURITY

Oracle has intrinsic functionality for protecting data integrity and performing data recovery.

Benefits of Oracle include:

- Data recovery up to the moment of failure
- No data archiving
- Automated backup process without LIS interruption or downtime
- Redundant hard drives to protect against downtime
- Remote data backup in addition to the local backups
- No significant storage limits other than physical storage medium
LABDAQ’S MICROBIOLOGY MODULE PROVIDES THE LABORATORY WITH AN ELECTRONIC WORKSHEET. THIS WORKSHEET IS INTUITIVE AND ELIMINATES TEOIOUS PAPERWORK.

Microbiologists can easily document observations, order additional tests for ID and susceptibility, print specimen and media labels, and approve results. Electronic integration with a microbiology analyzer reduces errors, while greatly improving efficiency and patient safety.

The Microbiology Module includes:

- Preliminary and final reports
- Sensitivity report displays isolates and sensitivity result percentages
- Microbiology rules to automate reflex test orders
- Batch entry of repetitive results by scanning barcode labels
DATA MINER

ALLOWS YOU TO QUERY THE DATABASE AND EXPORT INFORMATION, ASSISTING WITH PATIENT OUTCOME STUDIES REQUIRED BY MANY INSURANCE CARRIERS.

Users can define database queries for specific data combinations. For example, a facility may run a query to extract the males over 40 years old with a PSA result greater than 4 ng/mL.

CLIENT SERVICES

DESIGNED FOR REFERENCE LABORATORIES, THIS MODULE IS A POWERFUL TOOL FOR SUPPORTING YOUR CUSTOMERS.

Client contact information is stored in the Client Services Module for easy access. Your customer support staff will be able to rapidly open calls, update existing calls, and view communication history with outreach clients.

Laboratory personnel can open calls at the requisition level if a specimen is unacceptable or results require follow-up. Calls can be assigned to the appropriate person within your facility and follow-up actions can also be scheduled. The end result is satisfied customers with improved care for their patients.
COMPUGROUP MEDICAL VALUES ITS CLIENTS AND DOES EVERYTHING POSSIBLE TO CREATE A POSITIVE EXPERIENCE FOR YOUR ORGANIZATION.

From initial discussions to post-implementation support, CompuGroup Medical’s goal is to provide the end user with a valuable product and reliable service.

NEEDS ASSESSMENT

An evaluation of your organization’s workflow will assist in ensuring that the perfect solution for your facility is presented. A team of CompuGroup Medical professionals will evaluate your typical day-to-day processes. The solution provided will simplify your workflow while improving efficiencies and patient care.

PROJECT MANAGEMENT

A LabDAQ project manager will work closely with laboratory and IT staff, and other key personnel to ensure the implementation process is clearly defined and meets all client objectives. The project manager will review all software requirements, and clearly communicate responsibilities to both the client and the CGM Implementation team.

SUPPORT

The LabDAQ Implementation and Support Department is staffed with medical technologists, DBAs, software application engineers, computer and network specialists.

As a software and hardware provider, CompuGroup Medical has the technical expertise on staff to quickly address all of your questions and issues. The individuals answering the phones are the same individuals conducting the client installations and training. We find our clients appreciate the knowledgeable support staff. The support personnel have implemented LabDAQ in many unique laboratories and understand the importance of quickly resolving your issues.

LabDAQ clients can be assured of direct access to a fully staffed department, dedicated to providing a superior level of support. For facilities that require around the clock service, CompuGroup Medical offers 24/7 support.