

INDUSLIMS

Laboratory Information Management System



“Total business solution for laboratories and organizations in the business of testing and calibration.”



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BUSINESS SYSTEMS LIMITED

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INDUS LIMS Indus Business Systems Limited has been into the development of Laboratory Information Management Systems since 2003 and has worked for at least **50 Man-Years** for this segment. With its rich experience and insight into software products development experience, Indus has built a LIMS framework to deliver low-cost customized solutions for testing and calibration companies of varied segments. The **INDUS LIMS** framework built to conform to **NABL**, the national quality standard of the Indian Government for testing and calibration processes and procedures, will also comply with the requirements of **ISO: 17025**.

Key Benefits

- Helps labs to establish good laboratory practices for testing and calibration activities.
- Enables compliance to standards like ISO: 17025 or NABL and makes it easy to provide proofs of compliance.
- Enhances productivity in operations with smooth workflow management and good trace ability of samples through the life cycle. Enhanced productivity will bring down the cost of operations and increase the profitability.
- Enables good, timely decisions and brings better business results with increased visibility into operations at different levels of management with instant access to different kinds of information and analysis.

Key Features

- Standard Tests per Sample Type can be configured along with the test parameters and expected results, where applicable, along with the tolerance limits for test results.
- Standard pricing can be configured for the different type of tests for different sample types. Estimates or Quotes, Invoices can be generated using this data.
- Test Equipments can be captured and configured for different tests.
- Single Sample or Multiple Samples can be registered from a customer at a stretch and can be defined with the details of the tests to be conducted, sequence of testing, equipments to use etc.,
- Workflow will be set for executing the tests in the form of orders and sub-orders in parallel or in sequence as per the definition of sample.
- Retesting can be managed where required.
- Test report generation with the details of test date, equipment used, test sequence, test results etc.,
- Customer bills can be generated and the receivables can be tracked.
- Sample is tracked through out the testing process and sample return, where applicable is tracked.
- Calibration orders are also as comprehensively managed as test orders.
- Provides consolidated dashboards for different users with the relevant information on transactional events, live transactions and analysis.
- Provides extensive reports and analysis for different functional areas.

Meant For

- Electrical / Electronic testing and calibration laboratories.
- Organizations having in house facilities of testing and calibration.
- Defense and related establishments having testing labs.
- Cotton and Textile testing laboratories.

Software Requirements

- Operating System Server: Windows 2000/2003.
- O.S Client: Windows 2000 Professional or Windows XP.
- Browser: Internet Explorer 6.0.
- Database: SQL Server 2000/above or Oracle 8i/above.

Hardware Requirements

Server with minimum configuration
P IV 2.4 GHZ, 512 MB RAM, 80 GB or above configuration

for Operating System Win2000/2k3 - 1 no.
for Database - 1 no.
for Database back-up - 1 no.

Required Number of client machines with P3/P4 configuration
for Windows 2000 Professional / Windows XP.



Existing Customers

- Electrical Research and Development Association (ERDA), Baroda, Gujarath, India. A NABL (Govt. of India) Accredited Laboratory.
- Central Institute for Research on Cotton Technology (CIRCOT), Mumbai, under ICAR. A NABL (Govt. of India) Accredited Laboratory.
- Electronic Regional Test Laboratories, Delhi, under STQC: Ministry of IT. A NABL (Govt. of India) Accredited Laboratory.

How to implement INDUS LIMS?

- Indus consultants demonstrate the LIMS framework to present their experience and capabilities in the laboratories segment and do the required work for associating with the client.
- After getting the order, Indus consultants do the detailed requirements study for the lab and takes the sign-off on requirements understanding.

- Indus consultants develop the gap analysis between the requirements and the existing LIMS framework of Indus.
- Indus consultants develop the detailed project plan for delivering various modules, transactions and reports.
- Indus will develop the required test plans that will enable the customer verify the customized system.
- Indus gets each and every master/definition, transaction, dashboard, analysis, report verified and signed-off by the customer to conclude the delivery of the software.
- Indus provides free support for six months and extends the support on a separate AMC order.

Enquiries

Enquiries can be sent to: sravan@indussoftware.com.

Conclusion

INDUS LIMS can prove to be a high value and low cost solution, even while providing the best in the class functionality. The real value comes from the true customization work and from the quality hand holding Indus is known for making software projects successful.