

PENUSOFT



- SIRI LIMS ◀
- PEOPLE EXPRESS ◀
- INRERFACING ◀
- ROOM BOOKING SYSTEM ◀

INTEGRATED LABORATORY SOLUTIONS

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SIRI LIMS • PEOPLE EXPRESS • INTERFACING



Established in 2013, Penusoft Software Consultancy Pvt. LTD. is a leading provider of enterprise class Integrated Laboratory informatics software and solutions (SIRI LIMS, People express, Interfacing). Penusoft provides integrated software solutions, consulting services and product support for Laboratory Information System (SIRI LIMS), HR and Payroll Management System (People Express), Interfacing & Room Booking System.

Penusoft Software Consultancy exclusively focuses on laboratory informatics products and also in HR and Payroll Management System(People Express) and has earned a leadership position in this market by combining a customer experience with a powerful, yet simple and affordable suite of software products organically built to seamlessly integrate all Laboratory related functions. Penusoft Software solutions and proven expertise helps creating develop high performing laboratories with improved efficiency and align them with the strategic direction of the overall business. Penusoft Software Consultancy products SIRI LIMS, People Express (HR and Payroll Management System), Room Booking System and InterFACER software are installed and used in laboratories representing a large install base.

PRODUCT HIGHLIGHTS

FUNCTIONALITY

COTS product with all key Laboratory required functionality. All modules are provided as part of a single product license.

ARCHITECTURE

100% Web based, Reliable and Proven architecture built on Java Platform. Can be deployed on a variety of hardware and software platforms including open source.

DEPLOYMENT

Deployed on a web server, natively supports open source OS and Databases.

CONFIGURABILITY

Easy configuration to adapt to lab specific requirements. Easy definition of business logic and workflow management.

REPORTING

Supports SAP Crystal Reports and Jasper Reports for reporting.

BARCODING

Supports barcode label printing and scanning.

DASHBOARD

Built in dashboards, personalized by users/roles and extensible via configuration.

SCHEDULING

Easy to schedule events and user alerts.

SECURITY

Granular security specification for user access control based on roles. Integrates with Active Directory for user authentication.

SIRI LIMS

- ▶ Comprehensive LIMS for QC/QA and Analytical R&D
- ▶ Multi-site, multi-section
- ▶ Caters to any Laboratory
- ▶ Complete Specifications Management
- ▶ Raw, In-process, Finished & Environmental samples
- ▶ Barcode labeling of samples
- ▶ Job allocation for analysts and Instruments
- ▶ Electronic TDS based Results Entry
- ▶ Interfacing of PC-based & non-PC based instruments
- ▶ OOS & OOT Investigations, Training records,
- ▶ Deviations recording, Document management
- ▶ Audit trail & 21CFR Part 11 Compliance
- ▶ COA and MIS reports
- ▶ Stability Module

DESIGNED FOR QA/QC AND ANALYTICAL LABORATORIES



SIRI LIMS is designed for use in any industrial analytical laboratory and commercial labs testing samples. SIRI LIMS helps in streamlining the process with respect to the laboratory investigations, compliance requirements starting from Test and Specification Management, Ordering of Tests, Registration of Samples, Job Allocation, Results Entry and Approval, Report Generation, Out of Specification (OOS), Deviation Recording and Document Management functions.

QUICK AND EASY ACCESS THROUGH WEB BROWSER



QualIS application can be accessed from any browser enabled device within the laboratory.

TEST AND SPECIFICATION MANAGEMENT



Test Masters with relevant attributes and parameters can be maintained based on test category and specific sections within the laboratory that will perform the tests.

Tests can have one or multiple parameters. Parameters can be numeric, character, pre-defined values, attachments etc. Tests can also be linked to instruments, rounding rules, analysis techniques which is in turned linked to user/personnel and training records.



Specifications can be managed for multiple materials with several layers of hierarchy for quick access and easy maintenance.

Material > Group > Sub Group > Profile > Specification Version > Tests > Parameters > Limits.

Specification Document can be uploaded for each of the specifications and Material required to perform the tests can be linked to the specifications.

SAMPLE REGISTRATION & TEST ORDERING

Samples [Raw Material, In-Process and Finished Product] received are pre-registered with a unique sample number or an Analytical Request number (AR Number) along with Batch#, Lot# and routed to respective testing sections for further processing steps. It is possible to perform complete specification based testing by selecting the appropriate profile and specification [JSP, BP, IP] for each sample. Testing priorities can also be set for samples.



BARCODE LABELING



SIRI LIMS supports barcode label generation. Labels will be generated after completion of sample registration. Barcode labels can be used to quickly identify result records, jobs etc. within the application and chain of custody can be easily recorded.

JOB ALLOCATION



Job Allocation module enables allocation of tests, instruments and personnel for samples. Authorized user/supervisor can allocate available and qualified analyst to perform a specific test. More than one analyst can be allocated per test with split job responsibilities.

Jobs can be scheduled based on a calendar. The scheduler will display existing allocation of samples/tests for each analyst and workload of each instrument defined in the laboratory. Job allocation is linked to personnel training records and certified personnel can be allocated to jobs. Supervisor has complete control over the instrument usage and jobs allocated to specific analysts. A graphical chart displaying the amount of workload given to a analyst provides a complete picture of the lab workload. This also provides rescheduling of jobs.



SIRI LIMS DYNAMIC WORKFLOW

