

SoftLIMS®



SoftLIMS – SCC's Laboratory Information Management System – is dedicated to enhancing laboratory testing processes from specimen registration and preparation, testing and results entry, to final report release. Integrated with analyzers, SoftLIMS is an easy to handle software application that significantly improves laboratory in day to day operations.

The Laboratory Information Management System (LIMS) is intended for a broad range of laboratories. From bio research to environmental or industry-oriented solutions, SoftLIMS offers customizable and individualized setup options. The software can be stored in the cloud or on-premises. SoftLIMS is a user-friendly and intuitive tool designed to make laboratory functioning easier and minimize the risk of mistakes. Each sample can be tracked and managed with ease and precision. At the same time, work overload and stoppages can be controlled and prevented, supporting testing liquidity.

FEATURES AND BENEFITS

Feature: Workflow-based testing

Benefit: SoftLIMS users can define organization-specific workflows to manage testing and reporting efficiently. Workflow Designer's easy and intuitive interface helps users to create workflows with minimal programmer support. Users can specify information such as work request-specific layouts, tests, ranges, tested subjects, and sample types. Alerts and notifications can be set for periodic and QC-related workflows.

Feature: Versatility of testing options

Benefit: With expanded setup options, SoftLIMS is fully capable of being implemented in laboratory testing, both human and non-human subjects. Using different work request layouts, users can enter subject specific-information, making sure none of the essential data is being omitted even if they are working simultaneously on variated subjects. Unlimited samples and subject types are supported.

Feature: Advanced reporting options

Benefit: Reporting entry allows users to create customizable report templates that can be associated with workflows, selected studies, or projects. Reports are generated automatically after testing process completion. Completed reports can be sent for verification via email or system notification. SoftLIMS provides secure remote access to reports, so the sign out process efficiency is kept, even in unexpected situations.

Feature: Equipment monitoring and maintenance

Benefit: Proper instrument maintenance helps to prevent unnecessary work-stoppages. SoftLIMS equipment-related functionalities include calibration and maintenance planning, repairs, and services management. Customizable alerts can be set to notify proper employees that due dates are coming. All of the actions are registered and visible in instrument history with its details. SoftLIMS has a built-in scheduler that serves for both maintenance actions and routine use. All of the instrument events are visible in the scheduler, which also allows the user to book instruments for future testing.

Feature: Instrument integration

Benefit: Transferring data from instruments to the LIMS environment is a crucial factor in providing fast and precise report release. All of the results may be instantly uploaded to SoftLIMS, saving time, and mitigating staff. Integrating your analytical instruments with SoftLIMS gives you an additional aid towards a high-performance-oriented digitalized laboratory. Calculation formulas can be defined in SoftLIMS to transform raw results into reportable values.

Feature: Cutting-edge IT standards

Benefit: A Web-based, purely thin-client solution, SoftLIMS fully supports the usage of mobile devices. Multisite accessibility is secure and safe with the latest advances in IT and security. The platform can be extensively configured to even the most demanding data management needs, including large data-oriented environments.

Feature: Quality support

Benefit: SoftLIMS works in compliance with standards such as ISO 9001, ISO 17025, ISO 15189, ISO 13485, GLP, and GMP. Operational transparency is provided via audit trail and chain of custody functionalities. All of the events in the system are easily traceable, and non-conformities can be instantly identified and reported.

SAMPLE SCREENSHOTS

SoftLIMS Worklist

Every activity that is planned in the Laboratory Information System is available on the Worklist View. Employees can easily access their assignment details with information about the priority, and activities can be taken directly from the Worklist View.

SoftLIMS™

Subject

Accessioning

Specimen Preparation

Storage

Reports

Study

Shipment

Inventory

Item issue request

Equipment

Worklist

Audit

Profiler

Setup

Biobank / Worklist

Filter employees

Search by task, requisition number or description

Status

New, Pending

Category

🔍

🔔

🔄

Unassigned49

Ewa May22

Robert Richardson11

Anna Jacobs7

George Demard6

Alan Smith5

Maxym Kapynsky5

John Smith4

Eugene Yareshow

Eleanor Marynenko

David White

Anna Sureman

Barbara Eldor

Jack Tabarkiewicz

admin admin

Dana Snow

Michal Madera

20-17New

Perform test Microbiology for requisition

Testing

Ewa May

2020-01-29T15:27:45.017Z

🔔

Requisition#: 20-23

1 tasks

20-32New

Perform test Lipid panel for requisition

Testing

John Smith

2020-01-31T09:22:19.725Z

🔔

Requisition#: 20-24

1 tasks

20-34New

Perform test Lipid panel for requisition

Testing

John Smith

2020-01-31T09:47:52.415Z

🔔

20-43New

Put samples to storage

Storage Request

Robert Richardson

2020-02-10T19:16:49.261Z

🔔

Requisition#: 20-9

1 tasks

20-44New

Perform test Microbiology for requisition

Testing

Maxym Kapynsky

2020-03-09T06:22:36.221Z

🔔

2020-03-25T12:35:07.627Z

🔔

Unassigned

Task20-17

Assigned to: Ewa May

Priority: Low

Deadline: 2020-01-29T15:27:45.017Z

Status: New

Created on: 2020-01-15T15:27:45.020Z

🔄

🖨

🔔

TestingMicrobiology

Perform test Microbiology for requisition

Requisition#: 20-13

🔍

Comments

Write comment

Sand

Specimen Preparation

Pre-processing of specimens can be supported by SoftLIMS by planning the aliquots or performing protocol actions before actual testing takes place. Pre-processed material can be instantly placed into short or long term bio-storage.

Sample number	Specimen type	Volume	Tests	Studies	Status
Requisition #: 20-70 Subject #: 6					
20-657	FFPE block	1 / 1 each	Q1 Status	P1 Status	Q102 Status
20-659	DNA	40 / 40 ul			
20-660	DNA	40 / 40 ul			
20-661	DNA	40 / 40 ul			
20-656	Tumor tissue 1 / 1 pcs				
20-655	Blood	0 / 10 ml			DISCARDED
20-663	Blood	2.5 / 2.5 ml			
20-664	Blood	2.5 / 2.5 ml			
20-665	Blood	2.5 / 2.5 ml			
20-666	Blood	2.5 / 2.5 ml			