

# A SAAS, EU GDPR & HIPAA COMPLIANT, IN THE CLOUD LIMS PURPOSE-BUILT FOR BIOBANKS



Streamline and Automate Biobanking Operations with an Out-of-the-box LIMS

## Key Benefits

### **Sample Source Management**

Seamlessly manage various sample sources such as humans, plants, animals, etc. For patient records, you can manage their demographics, consent, in accordance with the Institutional Review Board (IRB) and regulatory requirements. You can batch update records, saving time and effort.

### **Sample Management**

Store annotated sample data, track samples using barcodes, print labels, maintain a Chain of Custody (CoC), and manage all aspects of sample genealogy. You can import aliquots or derivatives from a file, scan the barcode of parent samples and quickly retrieve their aliquots or derivatives. You can manage the complete sample life cycle with ease, right from accessioning to the final disposal.

### **Storage Management**

Create and view storage inventory graphically to manage storage locations of thousands of samples, enabling quick and accurate tracking of samples. CloudLIMS can help assign samples to storage locations automatically. You can add multiple compartments or positions to a storage container enabling storage of samples such as plasma or blood which are typically stored in bags. Furthermore, you can add other storage containers within a compartment and then assign samples.

### **Follow Regulatory Compliance**

Follow EU GDPR, HIPAA, ISO 20387:2018, 21 CFR Part 11, and ISBER Best Practices with ease.

### **Study Management**


Manage various studies, such as population-based cohort studies, genome mutation studies, and molecular epidemiological studies. You can associate each study with samples, patients or sample sources, and generate custom study reports. You can batch import study records from a file, saving time and eliminating chances of manual errors.

### **Manage Documents**

Manage documents, such as SOPs for specimen handling, track the revision history of documents, and ensure document control. CloudLIMS helps ensure that biobank staff refer only to the latest version of documents. Furthermore, CloudLIMS helps assign document access privileges to staff based on their roles.

### **Manage Staff Training**

Manage training and competency records of biobank personnel and regularly monitor their performance for quality assurance. This helps biobank managers to assign tasks only to the personnel with appropriate training, competency, and experience to perform them efficiently.



You can batch import multiple training records from a file, and generate custom training reports in PDF or MS Excel file format.

### **Manage Instruments**

Manage records of analytical instruments, schedule instrument calibration and perform preventive maintenance as defined by the instrument manufacturer or biobank's internal practices. CloudLIMS helps you maintain calibration and maintenance results, and records of functional checks performed before use.

### **Manage Workflows**

You can configure workflow templates using a series of steps to mirror your biobank workflows. This functionality enforces the staff to follow standard operating procedures (SOPs) as per the biobank guidelines and to avoid missing any crucial step required. Furthermore, it enables biobank managers to monitor the sample processing status, and easily track any deviations from the specified SOPs.

### **Package & Shipment**

Track all shipments right from the origin to the destination to avoid misplacing samples. Assign a unique ID to each incoming and outgoing shipment, associate each shipment with samples, and then check-in the expected

samples or remove the ones shipped out.

### **Manage Inventory**

Manage inventory such as reagents, and other consumables required to collect and store samples or perform quality control tests, besides associating each inventory with samples, subjects or sample source, and custodians.

### **Services and Billing Management**

Manage services such as sample purchase requests, sample storage requests, and create catalogs with defined pricing for each service offered by your biobank.

### **Client Portal**

Enable your collaborators to enter samples from the Client Portal. Samples can be entered using spreadsheets or by directly scanning the samples. Your customers can place storage requests for multiple samples, attach notes or instructions for sample handling, and download invoices. Your customers can import patient records in a batch from CloudLIMS' client portal along with demographic data of patients and associate them with samples in just a few clicks. You can customize the login page of the client portal to offer a personalized experience to your customers.

## **Complimentary Benefits**



# CLOUDLIMS: A ONE-STOP DATA MANAGEMENT AND AUTOMATION SOLUTION FOR YOUR BIOBANK

## What Our Happy Customers Say

"With CloudLIMS, we were able to load our legacy data of 60,000 samples rapidly using the universal uploader. The uploader directly maps our existing data to the data fields in CloudLIMS. The data fields and our laboratory workflows were easy to configure, which allowed for a quick deployment!"

- Dr. Steven Haynes  
Manager, Sheffield Biorepository  
The University of Sheffield Medical School

