

# Cryotrax

## An inventory and process control system for the efficient and reliable tracking of biological specimens.



Do you handle a large number of biological samples? Is freezer management requiring more resources? Taking more time? Are procedures standardized? Are they being followed? If your core business isn't freezer management, and even if it is, Cryotrax provides a reliable and efficient way to track your biological specimens at a price tailored to fit your budget.

### Highlights

- ☒ Secure logon and data encryption
- ☒ Triple level permission
- ☒ Extensive audit log
- ☒ Integrated bar code printing and scanning
- ☒ Simple and efficient data entry process
- ☒ Robust relational database
- ☒ Flexible configuration
- ☒ Error reduction

### What is Cryotrax?

Cryotrax is an inventory and process control system designed for laboratory use and tuned for freezer management. Available over the web, Cryotrax delivers seamless and efficient access to your samples without the expense and headache of an on-site server. With automatic software updates and an intuitive user interface, Cryotrax captures your specimen information and ensures the integrity of your data.

### Inventory

Cryotrax tracks your data reliably and efficiently in a relational database. The system maintains location and status information for every item in the inventory. From storage to retrieval, detailed log entries record “who, what, and when” each time your specimen is manipulated by the system.

### Security

Developed using reliable open-source technology and delivered as a secure service, Cryotrax utilizes a managed hosting company providing 24/7 monitoring and guaranteed uptime. Together with password authentication, encryption and automated backups, you can rely on the security of your data.

### Software as a Service

- ☒ No on-site server to purchase or maintain
- ☒ Easy to deploy and upgrade
- ☒ Best-of-breed facilities
- ☒ 24x7x365 monitoring
- ☒ Automatic data backups
- ☒ Highly available infrastructure
- ☒ Robust security and redundant systems

### Process

Minimizing human errors is what Cryotrax process control is all about. Cryotrax guides the accessioner through every step of entering data and placing the specimen in the storage container. Simple to follow directions for specimen placement and retrieval utilizing integrated bar codes and optical scanners minimize decisions and errors and streamline the process.

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## Storage

Are partial boxes wasting room in your freezer? Inefficient placement of samples in a box? The Cryotrax storage algorithm balances filling capacity while streamlining data entry. Taking into account temperature, container and client, the use of new boxes is balanced against the availability of partial boxes.

## What people are saying...

Cryotrax has been used to catalog over 80,000 samples since its first deployment in February 2004. New features and enhancements are on the drawing board and are prioritized according to customer need; quickly delivered and ready to use.

“Many researchers were skeptical about the security of their samples. We understood that, and working with Llamawerx we established policies, procedures, and a tracking system to exceed their expectations.” – Marshall Griswold, CEO CryoGene

“The goal was simple, a working system enforcing the business rules required to store and retrieve cryovials” – Judy Gerard, President Llamawerx

## Quality

“Quality is never an accident” – William A. Foster

Your specimens are critical to your work. Misplaced or lost samples are unacceptable. Cryotrax is built with integrated unit tests to ensure correctly working algorithms. Independent verification and validation confirms the system operates as expected.

## Pricing

Short term subscriptions allow you to test the value proposition for your organization. By test driving the application in this way, you can quickly decide if you’re receiving a meaningful ROI. Pricing options enable you to convert to long term subscriptions or bring the application in house as your needs grow. Contact us for a free consultation and proposal.

## About our company

Llamawerx is a client-driven consulting group conceived in 2001 to provide agile services relating to consulting, software development, business analysis, mentoring and training. Our strength is our ability to bring software from concept to reality, rapidly and reliably.

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