Your lab regularly receives, stores, tests, and ships samples. Rely on Freezerworks to provide the tools you need to control the process while meeting GxP and FDA requirements.

Since 1987, Dataworks Development, Inc. has been delivering quality data management solutions to research and clinical laboratories, biobanks and repositories. Our mission is to provide software that is both configurable and secure. Our focus is on freezer inventory, sample tracking, and sample management.

Tracking valuable sample data in a secure environment is critical. Hunting through a large number of different types of samples to find those you need to ship, test, or update can be a tedious task and cost a great deal, in real dollars and valuable research time.

Freezerworks offers a complete solution. Meeting the ISBER Best Practices for Repositories* as well as the Office of Biological and Biospecimen Research (OBBR) guidelines, Freezerworks is the program of choice for managing samples stored by hospitals, clinics, universities, museums, biobanks, biotech, and pharmaceutical companies.

It’s Creative! It’s Powerful! It’s Freezerworks!

Freezerworks offers an unlimited number of user-defined fields, empowering your laboratory to keep track of as much data as you need on each patient, sample, and even each aliquot of a sample. Search quickly on any combination of fields.

Freezerworks is an essential tool for different disciplinary groups or projects that have unique data requirements but need to selectively share data.

Freezerworks is uniquely designed for user configuration, so personalize it to fit your needs. You can design multiple data entry screens and assign them to specific users and groups. Because you can hide select data from unauthorized personnel, Freezerworks offers a high level of system security for protecting patient data and other sensitive information. Meanwhile, Batch Entry, Search, and Update features make your lab workflow faster and easier.

And because Freezerworks is written and validated according to the FDA guidelines for software development, you can be assured of meeting the necessary regulatory requirements.

* Developed by the International Society for Biological and Environmental Repositories (ISBER) and published in Cell Preservation Technology, April 2012.
Freezerworks can be configured to match all freezers, liquid nitrogen tanks, and racking systems that your lab utilizes. All this can be done without any programming experience.

Screen Design:

**CONFIGURABILITY.** Your site has special data entry and integrity needs. Each group can create its own fields and entry/view screens for managing different studies, or tasks.

Create field data libraries of allowable entries, default entries, color formats, and restricted lists based on entries in other fields. You can even create calculated fields built on entries in other fields, and include mathematical expressions.

Entry Forms for patient and sample data are designed in a powerful yet user friendly design area.

Below: Two designs created in Freezerworks. Each group can have its own design.

Request your free Demo today and begin building your own entry screens.

To configure a full working demo to your workflow needs: 1-877-289-7960 or sales@freezerworks.com
Aliquot Entry and Management

All your aliquot types for a single sample, even across multiple freezers, are displayed on one screen. Manage them with a wide range of aliquot management tools, including:

- **Sub- aliquotting:** As new samples are developed from existing aliquots, quickly create new aliquots from them while maintaining the link to their parent aliquots.

- **Check out/Check in:** Icons indicate if aliquots are “checked out” or “locked”.

- **Batch Update:** A real time saver when working with multiple aliquots.

- **Shipping files:** Process samples for shipment outside of your repository.

**Powerful Search Features**

There are many effective ways to locate the aliquots you need for shipping and research testing. Use the search tool you need to select by any combination of fields in your database.

Search and pull by comparing an Excel® file to the samples in Freezerworks, or by scanning a number of bar coded aliquots.

Or perhaps you want a report each day of samples and aliquots logged in the previous day, or stored reagents that are critically low. Create Scheduled Searches to be alerted regularly.

Barcode or RFID labeling allows you to verify in mere minutes the right aliquots are pulled for testing. When used with Freezerworks’ powerful labeling, searching and batch tools, biorepository sample management is cost effective.
NEW! Patient Management

NEW in 2015: Link samples and tests to patient records within Freezerworks. Enhanced PHI/PII security ensures only authorized personnel will access private data.

All Patient fields are user definable, and can be flagged as PHI, held from view by unauthorized users.

Anytime PHI data is displayed on a screen, the audit trail tracks the user who viewed it and when.

Patient entry forms are user designable and will display all samples, aliquots, tests and results for a patient.

Batch Entry and Update

Efficient and timely workload management often calls for entering large numbers of unique yet similar samples. You may need to develop kits for clinical trials. Why not prepare for the receipt and processing of hundreds of specimens and the aliquotting that will follow? Log your scheduled visits and expected samples into an easily searchable relational database. Print labels ahead of time.

Freezerworks offers powerful tools for batch entering and updating samples. Ease your workload by creating batch entry formats to match your workflow for sample login. Or use our flexible import option to streamline data movement from text files and spreadsheets.

Later, when large numbers of aliquots need to be pulled for testing, locate them using our powerful search features, and then:

- Create transactions
- Deplete volumes
- Mark for shipping or testing
- Assign to new freezer locations
- Add aliquots to samples
- And more...

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Shipping: The Lifeblood of Your Biobank

Move aliquots from the bank to the research bench with ease, knowing the Freezerworks audit trail is tracking every step.

Selecting aliquots to include in shipments is easier than ever. Configure to meet your operations. With every shipment you can:

- Run confirmation checks
- Print and send Box map of aliquots
- Track shipments
- Include electronic manifest along with printed manifest
- Configure batch features to automatically add thaws, reduce amounts, create transaction records

Reports and Labeling

Powerful report and label designers allows you to create attractive reports and cryogenic-safe labeling.

Reports

- Inventory reports
- Shipment reports and manifests
- Test results
- Location reports
- Daily, weekly, monthly, activity reports
-Billing invoices

Labeling

Labeling Freezerworks offers a complete suite of printers and cryogenic-safe labels.

Visit freezerworks.com to locate the right labeling solutions for your sites.

Call the Dataworks Development toll free line and set up an appointment with a Freezerworks Specialist.
Freezerworks Modules for Additional Sample Management Power

Freezerworks LIMS Sample Testing Module

Use the LIMS Sample Testing Module to manage the testing and reporting of sample tests. With it you can:

- Set up qualitative and quantitative tests
- Mark samples or aliquots for tests
- Track the chain of custody of all samples undergoing tests
- Batch order samples for testing
- Import test orders and results
- Print test result reports
- Flag results for additional tests based on age, gender, etc.

Freezerworks Biobank Services Billing Module

With the Billing module, you can bill for both tests run as well as storage services. Use it to help recover the costs of operating your biobank.

- Invoice your clients who utilize your storage services
- Set different rates for different aliquot types.
- Invoice your clients who utilize your storage services
- Bill for any testing services run using the LIMS Sample Testing Module
- Manage accounts by site, or study investigator

To configure a full working demo to your workflow needs: 1-877-289-7960 or sales@freezerworks.com
Integrate and More with Freezerworks Web Services

With Freezerworks web services, your Freezerworks becomes a secure web server, receiving data for incoming samples, and reporting on aliquot availability to researchers. Only the data you allow will be shared.

The Freezerworks Web Services Module enables your developers to integrate the Freezerworks database with existing systems (for example, clinical databases) through web services tools and scripting languages. Web Services also allow you to create scripts to link your data to mobile devices, browsers, flatbed readers, all while enforcing Freezerworks security. Import is available as well, to create new records or update existing ones.

Included is our new browser-based Web Client. Easy to use, secure and powerful (REST API), the web client allows read only access of Freezerworks to authorized users across the web.

Select the Edition that Meets Your Needs

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