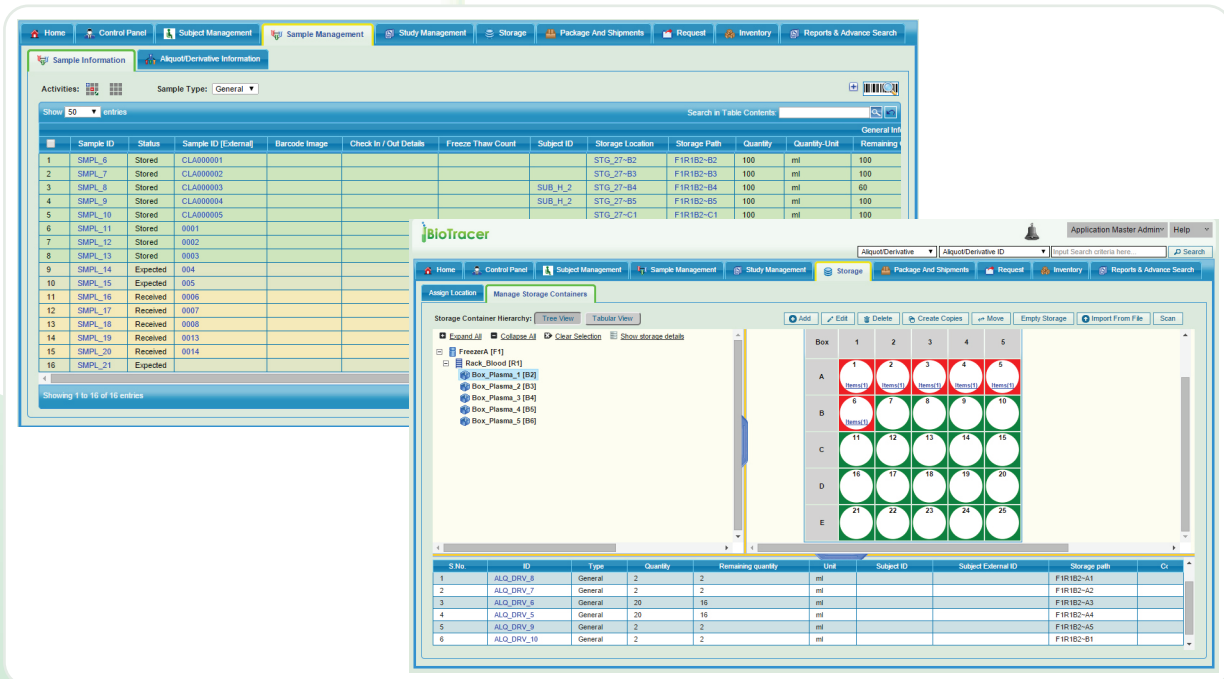




A Web Based Sample Management Solution



BioTracer Standard is a user friendly, web based sample management solution, essential for any laboratory wanting to automate their systems in a secure and reliable environment.

BioTracer simplifies your laboratory operations by managing, tracking and efficiently organizing samples and freezer locations at a very affordable price. Backed by an intuitive user interface, BioTracer is both powerful and flexible to accommodate the needs of your lab.

BioTracer is available as a standalone or cloud product.

**Software as a Service (Hosted)**

- No CapEx required
- Automatic upgrades included
- No skilled IT personnel required
- Build-in customizations
- Accessible using thin clients

**Traditional (On-site Software Application)**

- High acquisition cost
- Requires upgrade installation
- Dedicated IT team required
- Additional development cost
- Advanced infrastructure needed

## Features and Benefits

### **Anytime, Anywhere Access**

BioTracer can be accessed using any web browser. BioTracer can even be accessed securely using any internet ready device without the need to download plug-ins, making it available to users 24x7 from any location across the globe.

### **Security, Scalability and Availability**

Data security of each customer is our prime concern for which secure user-based logins are provided with access privileges enabled by the authorised lab administrator only. Communication from your computer with our servers is 256-bit encrypted. Robust methods such as auto scaling, load balancing, service monitoring are incorporated to enable any lab to scale up operations without any loss of business. Application maintenance, secure backups and database synching enables us to adhere to stringent SLAs with an assured 99.5% uptime. Mirror servers are maintained at different geographical locations to ensure high application availability in the event of a natural or physical disaster.

### **Easy Configuration**

Even though BioTracer is offered as a pre-configured sample management solution, it can be tailored to address the changing needs of your laboratory, helping you avoid costly customization. Users can configure available screens adding or removing user-defined fields, format reports, assign individual privilege based control, all without the need for any customization.

### **Sample Tracking & Processing**

Easy and efficient tracking mechanisms to locate the samples of interest across the entire set up is facilitated via location management, chain of custody and sample genealogy, saving time and effort. Sample information and related meta-data is registered. Processing workflows allow generation of aliquots and derivative samples.

### **Intuitive BioSpecimen Storage Location Management**

Enterprises with regular influx of samples need an efficient storage mechanism. BioTracer's intuitive storage workflow makes this cumbersome process easy. Shelves and racks provided for different types of freezers are color coded to make storing of samples an error free process.

### **Subject and Study Information Registration**

Detailed subject information is registered including demographics, history and other meta data. Subjects can be identified and de-identified based on authority levels and associated with a study.

### **Sample Packing and Shipment**

As a part of requests and transfers, sample packing and shipment can be executed in no time. Inspection of in-bound samples can be done before storing them.

## Features and Benefits

### Request Management

External researchers and organizations can request samples from the biobank using secure external login. The request life cycle can be executed and tracked.

### Inventory Management

Inventory can be registered along with vendor details. Important documents such as MSDS and protocols can be attached. Re-order levels can be tracked.



### Query and Reporting

Powerful query building using multiple filtering options helps to build complex query and export information in various formats such as .xls, .html, .pdf etc.

### Compliance Facilitation and Audit Trail

BioTracer is written to help laboratories meet the most stringent regulations under 21 CFR Part 11, HIPAA, IRB and GxP. Audit trail reports help track and audit users' activities in real time. Together with our SAS 70-certified hosting partners we ensure that data integrity is maintained.

### Compatibility

PC/Mac -  

Web Based, Browser Independent -



Feature	Standard	Enterprise/SaaS
Truly Web based	No	Yes
On-Site Deployment	Yes	Yes
Complete Sample management	Yes	Yes
Sample Genealogy Management	Yes	Yes
Virtual Storage Location mapping	Yes	Yes
Graphical Representation of storage	Yes	Yes
Data Import & Export in multiple standard formats	Yes	Yes
Barcode scanning and assignment	Yes	Yes
Label design and barcode template generation	Yes	Yes
Comprehensive Reporting	Yes	Yes
Audit Trail	Yes	Yes
HIPAA Compliant	Yes	Yes
Electronic signatures	Yes	Yes
Role Based Access	Yes	Yes
Packaging and Shipment Management	No	Yes
Inventory Management	No	Yes
Request Management	No	Yes