

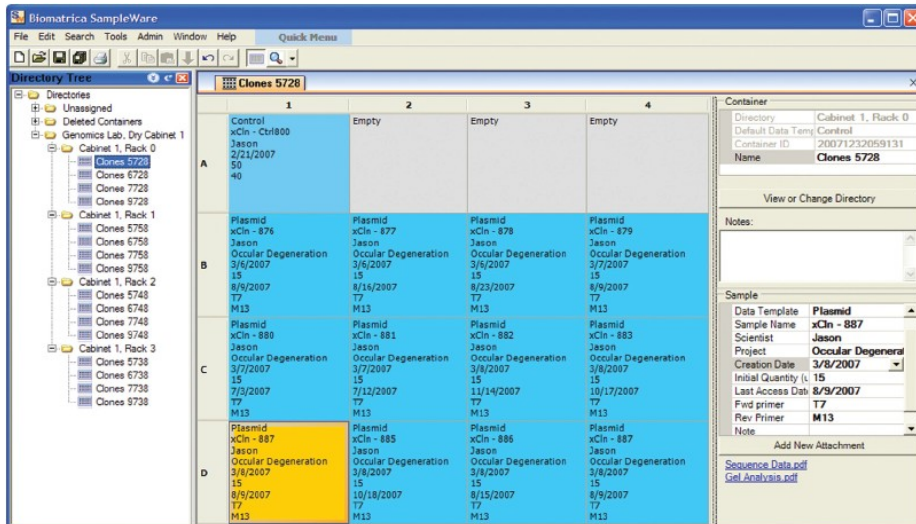


MICRONIC

Traceable Sampling Solutions

NEW SampleWare

Samples Managed Simply



SampleWare is an easy to use, affordable, and powerful Laboratory Information Management System (LIMS)

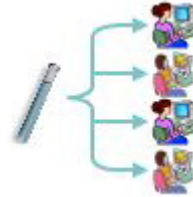
- Manage sample inventory across all formats: freezers, liquid nitrogen, room temperature
- Customize to track a variety of samples: tissue, blood, DNA, chemical compounds
- Upload and attach files to individual samples: images, sequence files, PDF reports
- Implement bar code solutions: 1D or 2D barcodes, plate scanners
- Search for and locate specific samples in an instant
- Implement sample security with users, roles and passwords
- Client/Server or Single User editions

Common Uses of SampleWare:

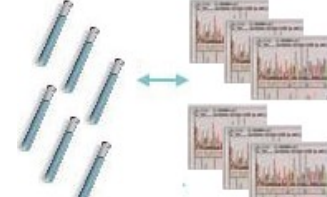
Freezer Management



Track Chain of Custody

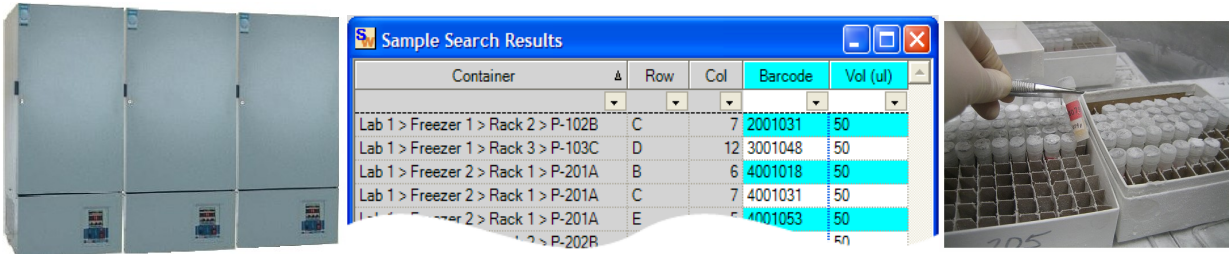


High Throughput File Upload



Freezer Management Concerns:

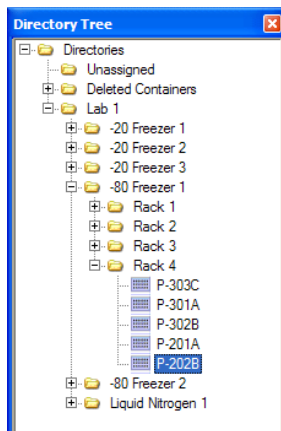
- **Multiple freezers, holding thousands of samples**
- **Difficult to locate specific samples quickly**
- **Sets of samples might span several freezers**
- **Organization and replacement difficulty**



SampleWare Solution:

- **Search results indicate each sample location (freezer, rack, slot, container, row, and column)**
- **Samples can be retrieved and put in a daughter plate for analysis**
- **2D barcodes on tubes and racks can be associated with sample data for easy retrieval and use with automated tube sorters, readers, and volume checking equipment**
- **To return samples, individual tubes or 2D barcoded plates can be scanned (SampleWare will indicate the appropriate location for each sample)**

Manage Any Type of Storage Unit



-80 Freezer



-20 Freezer



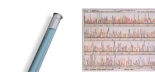
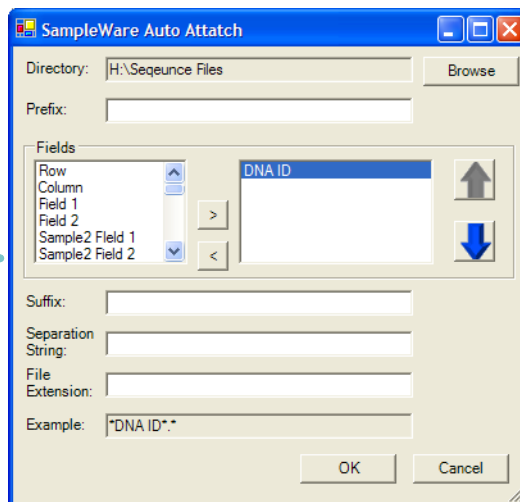
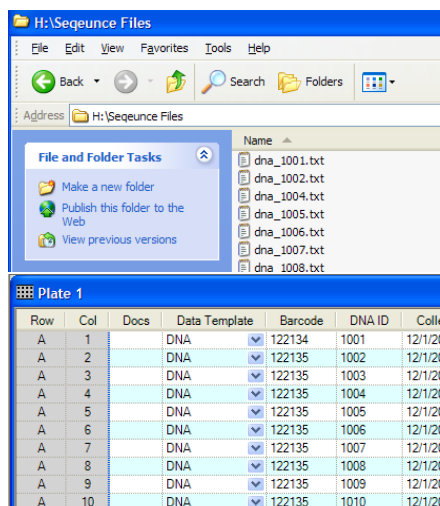
Room Temperature Cabinet



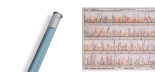
Liquid Nitrogen

High Throughput Bottlenecks:

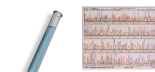
- **Massive amounts of data files generated daily**
- **Difficulty in uploading new data files to a searchable database and associating data with corresponding samples**



DNA 1001



DNA 1002



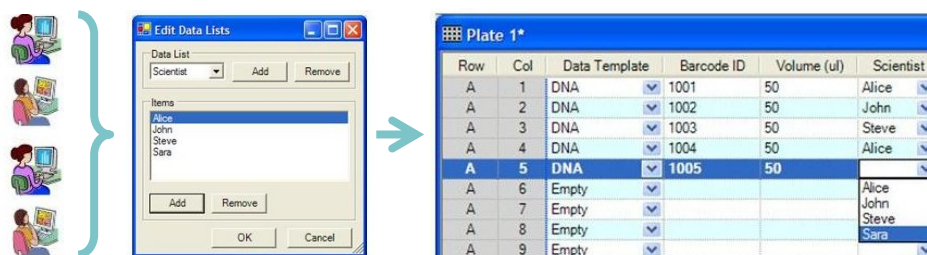
DNA 1003

SampleWare Solution:

- **Auto-Attach feature monitors a specific directory for data files, allowing data files to be automatically uploaded to the database**
- **Auto-Attach also automatically associates new data with corresponding samples**

Chain of Custody Issues:

- **Complex workflows or large organizations complicate sample tracking**
- **Poor sample tracking methods harm productivity and may cause cross-contamination**
- **Chain of custody issues are risky for clinical management, contract research, and forensics industries**



SampleWare Solution:

- **Implement Standard Operating Procedures that require users to “check out” samples or mark their location within a workflow**
- **Itemize the workflow cycle and assign ownership to samples**
- **Generate ownership reports to track current sample location**

SampleWare Features:

Custom Data Templates

- Create to match the types of specific samples being stored or tracked
- No limit to the number of data templates

Spreadsheet Data Entry and Copy/Paste From Excel

- Excel-like spreadsheet, simple setup for easy data entry
- Copy from Excel to import existing data
- Export to Excel to create reports

2D Barcode/RFID Interface

- Insert sample data from 2D barcode readers' sample lists (easy cut/paste process)
- Cut/paste readers' lists for use in search engine

Container View

- Displays data in 'box-top,' real world view
- Enables quick sample location/retrieval
- Samples can be color-coded by sample type

Sample Search

- Simple search: Google-like global search, works in an instant
- Advanced search: highly-specific search, finds exact samples or groups

Flexible Data-Organization Hierarchy

- Arrange data to match your lab's operational workflow
- Order by sample location, experiment, or scientist - no folder limit

Storage Barcoding

- Assign IDs for cabinets, doors, shelves, racks, etc.
- Store all assigned IDs in database with samples for quick locating and retrieval



Take the next step!

Visit www.MicronicNA.com, or e-mail us at MicronicNA@cs.com to sign up for a SampleWare webinar — ask questions, view a product demonstration and become more familiar with SampleWare's time-saving features!

Software Pricing:

Item #	Description
MP40120	SampleWare Version 3.1 Starter Edition* <i>Features:</i> 2000-sample limit, Single computer access
MP40105	SampleWare Version 3.1 Basic Edition* <i>Features:</i> 5000-sample limit, Single computer access
MP40110	SampleWare Version 3.1 Desktop Edition <i>Features:</i> No sample limit, Single computer access
MP40115	SampleWare Version 3.1 Network Edition <i>Features:</i> No sample limit, Network access

*can be upgraded