



Lab OS® Sample DB Explorer

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GXP COMPLIANT DATABASE, ADAPTED TO YOUR NEEDS – NOT THE OTHER WAY ROUND

Every bio bank has its individual challenges. Samples are stored in different ways at different places. Sample information surely differs from sample to sample. The Lab OS® Sample DB is a central database administrating the stored samples based on their storage position.

It can easily be adapted to the individual needs of a certain bio bank. To each sample necessary basic information and additional user defined information is stored. These may be different data templates, logistics information or process data.

Flexible solution for your bio bank

STORAGE LOCATION STRUCTURE

CC1 8595639
▲ RACK 001b
 ▲ BOX 001
 VIAL 12 (0842)
 VIAL 14 (0827a)
 VIAL 15 (0829)
 VIAL 17 (0819)
 VIAL 2 (0843)
 VIAL 23 (0824)
 VIAL 3 (0701)
 VIAL 31 (0943)
 VIAL 33 (0847)
 VIAL 34 (0846)
 VIAL 35 (0876)
▶ BOX 002

The storage location structure can be configured individually. New storage containers can be structured in different levels so that they represent the real storage facilities.

The storage history is displayed as well. This means that position and sample information of retrieved samples are archived.

SEARCH FUNCTION/ WEB ACCESS

The database offers comfortable search functionality.

Samples can be searched with a free text search where entered items will be searched in the entire database. Samples can also be searched in a more structured way with the help of search criteria. The more search criteria are included in a certain search the better search results are narrowed down.

Samples can be searched and requested via Web Access using any mobile device.

The screenshot shows the search interface of the Lab OS Sample DB Explorer. It features a search bar at the top with a dropdown menu set to '<ALL>'. Below the search bar, there are several criteria fields: 'Charge' with a dropdown set to 'HAS', '121' in a text field, and 'ETHIC.ApprovalID' with a dropdown set to 'HAS' and 'Ethic Approval 1' in a text field. There are buttons for 'Load', 'Save', 'Manage', 'Export', and 'Clear'. At the bottom, there is a table with columns: Container, Field, Match, and Condition. The table contains one row with the following data: Container: VIAL 23, Field: Charge, Match: 121, Condition: Charge HAS 121. Below this row, there is another row with the following data: Container: ETHIC.ApprovalID, Match: Ethic Approval 1, Condition: ETHIC.ApprovalID HAS Ethic Approval 1.

| Container | Field | Match | Condition |
|------------------|--------|------------------|---------------------------------------|
| VIAL 23 | Charge | 121 | Charge HAS 121 |
| ETHIC.ApprovalID | | Ethic Approval 1 | ETHIC.ApprovalID HAS Ethic Approval 1 |





| ▼ Ethik | |
|-----------------------------------|------------------|
| Approval ID: | Ethic Approval 1 |
| Name Physician: | Dr. Meister |
| Date permission obtained: | 20121112 |
| Written consent copy attached: | Yes |
| Timely unrestricted use possible: | No |
| ▼ Patient | |
| Patient ID: | 838232 |
| First name: | Max |
| Last name: | Mustermann |
| DOB: | |
| Gender: | M (male) |
| PPID: | 57397D145E |
| ▼ Sample | |
| Source: | |
| Obtained Date: | |
| Obtained Time: | |
| Contact First name: | |

SAMPLE INFORMATION

Every sample has an unique ID to guarantee that each of them has its own audit trail.



Individually configurable data templates enable the user to add any relevant sample information to one sample or to a batch.

Plausibility checks are possible. For example: the format of a date has to be YYYYMMDD, the sample ID has to be unique and many more.

SAMPLE RETRIEVAL

If samples shall be retrieved from the storage, they can be searched in the database and be put on a retrieval list. Depending on the used storage system the retrieval list can be transferred to an automated storage system or it can be exported in a file or in a printout.

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CUSTOM SOLUTIONS

soventec is not only provider of configurable standard solutions. soventec can provide system integration and implementation of customer defined solutions as well.



SERVICE AND SUPPORT

soventec provides service and support to their own products according to your special needs.



QUALITY

soventecs processes according GMP and ISO 13485 are periodically revised.

Your biobank in the overview

- ✓ User friendly storage management
- ✓ FDA 21 CFR Part 11 compliance
- ✓ Developed, tested and documented according to GAMP
- ✓ User-defined storage structures/layouts
- ✓ Comprehensive storage level access rights
- ✓ Barcode scanner and RFID support
- ✓ User-defined sample data templates
- ✓ Visualisation of storage locations and containers
- ✓ Single/Multiple sample check in/out
- ✓ Single/Multiple sample data modification
- ✓ Comprehensive reporting PDF
- ✓ Comprehensive data Exports PDF/CSV
- ✓ Multiple IDs possible
- ✓ User access rights management (roles/functions/storage levels)
- ✓ Windows based system
- ✓ Multi-site/multi database support
- ✓ 2D Flatbed scanner support
- ✓ Scheduled Email Reporting
- ✓ Lab OS Web Access /Customer requests
- ✓ Electronic signatures
- ✓ "Four eyes check" feature by electronic signatures

Visit us on our home page and get to know more about us and Lab OS! We would be happy to provide advice to you.



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