High Content Data Management System
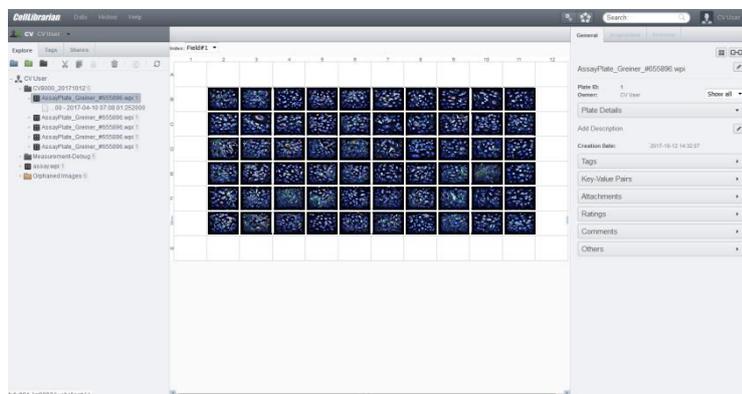
CellLibrarian™

YOKOGAWA ◆

High Content Data Management System

CellLibrarian™

A powerful data managing tool to expand your high content analysis with CellVoyager

Phenotype experiments with imaging keep creating a huge data set which researchers need to store, search, review and analyze repeatedly. Also, the data sometimes needs to be shared with group members and collaborators in global.

CellLibrarian™ is a powerful solution to manage a volume of image data acquired by Yokogawa CellVoyager.
The CellLibrarian data management system lets multiple researchers access to the data through the internet, to view and share the images remotely. The system makes your high content analysis easier, more efficient and expanding.

IMPORT

Import image data from Yokogawa CellVoyager series, CV7000, CV7000S and CV8000 for the data storage and analysis.

VIEW

Search and view a volume of image data quickly over the internet from anywhere in the world. Browse thumbnails, image previews.

ADJUST

Colors and intensity ranges of image can be adjusted and saved. Other group members can save their own settings for shared images.

ANNOTATE

Add tags, comments, file attachment to single or multiple images so that data can be searched, sorted or interact based on these annotations.

ANALYZE

Launch Yokogawa high content analysis software CellPathfinder to run analysis on data in CellLibrarian and save results on the server.
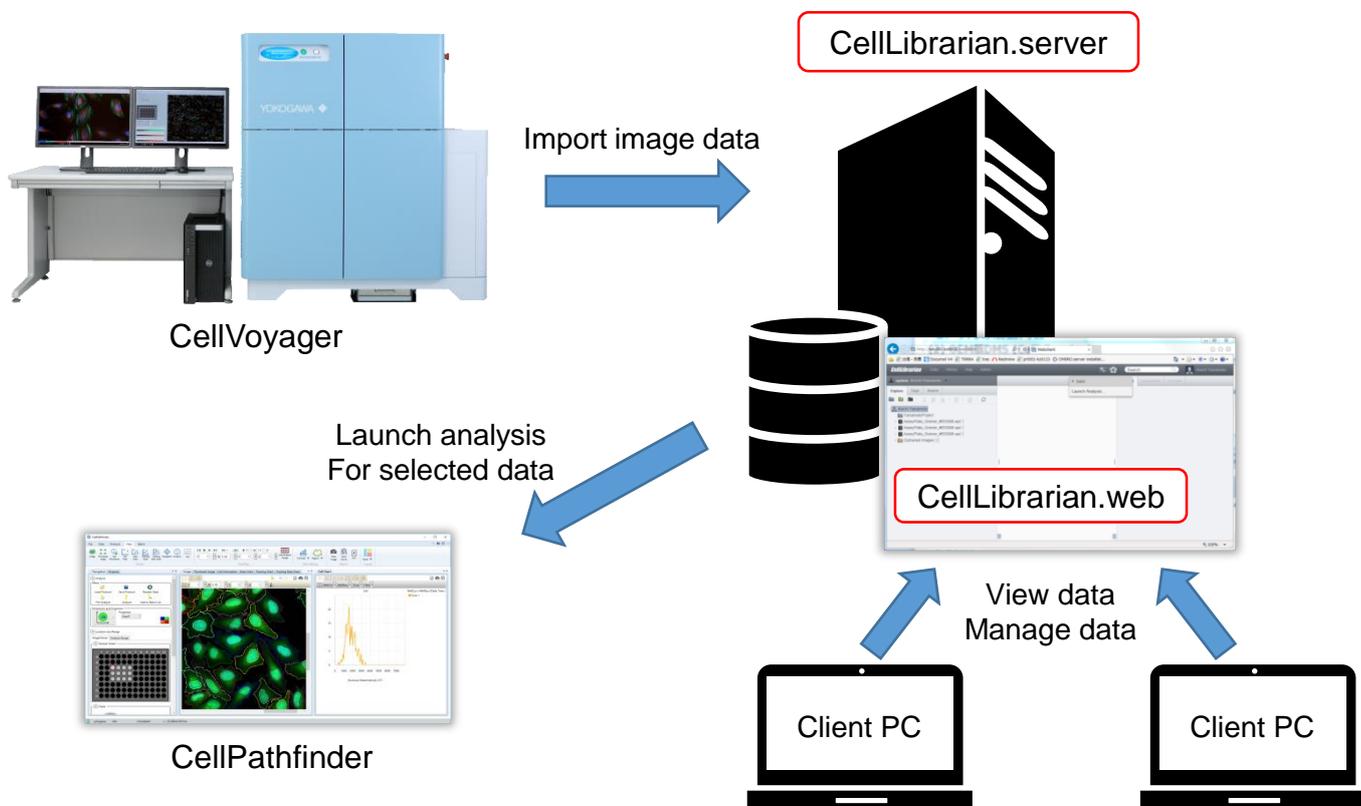
SHARE

Through the internet, group members and collaborators can access, visualize and share their image data.

■Configuration of the CellLibrarian system

The CellLibrarian is configurated as a center of CellVoyager HCA system, where its image data is stored, annotated and analyzed.

CellVoyager

Import image data

CellLibrarian.server

CellLibrarian.web

Launch analysis
For selected data

CellPathfinder

View data
Manage data

Client PC

Client PC

■Data format

CellLibrarian supports imaging data acquired by the products below.

High-throughput Cytological Discovery System CellVoyager CV7000, CV7000S, CV8000 (CellVoyager series[1][2])

[1] Data acquired by CV control software older than R1.08.02 is not supported.

[2] CV1000 is not supported.

■Hardware Specification

Recommended server specification for CellLibrarian

Model	Dell PowerEdge T330
Processor	Intel Xeon E3-1220 v6
Memory	32 GB
HDD	10TB x8, RAID5
OS	Red Hat Enterprise linux 7.4
Monitor	Outside Japan : Arranged by dealer 24 in. wide monitor x1, 1920 x 1200 Pixels

The above server was confirmed to provide standard functions and performances of CellLibrarian software.
To purchase only the software, please contact us.

◆ The CellLibrarian platform is based on OMERO Plus, Glencoe Software's customized distribution of the world-leading OMERO image data management system.

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