

ASA *lims* solution

A L.I.M.S. for proteomics based on ePims™ software.

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ePims™ Features

ASA *lims* is an integrated solution for the management of experimental electronic data and the organization of a proteomics platform, based on ePims™ the Open Source software developed by the CEA/Grenoble.

In order to address management and traceability issues concerning the amount of data (> 4TB) generated by their huge volume of analysis, the EDyP laboratory has developed ePims™ and uses it since 2004.

Data generated by the spectrometers (raw files and processed spectra) can be transferred on ePims™ repository. The transferred data can then be securely removed from the mass spectrometer stations. All data stored on the repository are easily accessible by users using their web browser, and can be backed up to release disk space on ePims™ repository.

The platform activity is organized in program/project/study hierarchy. A person in charge is specified at each level. Any person is allowed to create a study in his respective project.

Persons in charge of the spectrometers can view all samples "ready to be analyzed" and manage instruments booked by users.

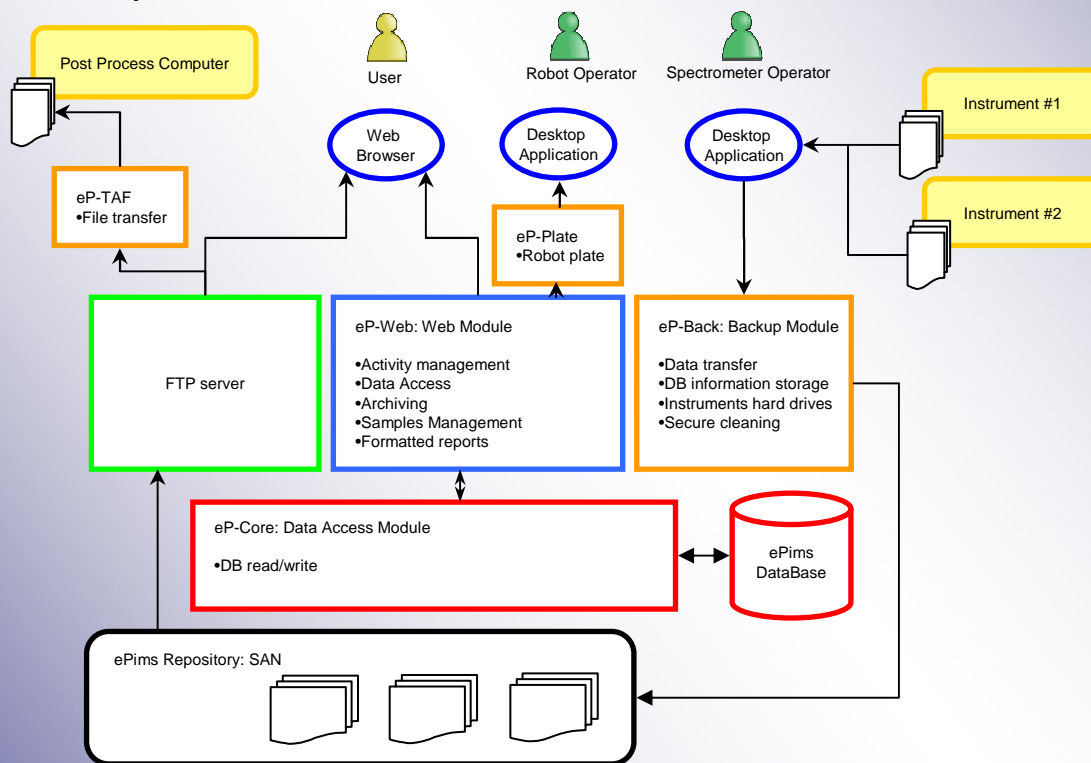
Several graphical or Excel™ reports are available. Activity reports provide information on acquisitions volumes, instruments or projects activities and study reports provide all information about a specific study, associated samples and acquisitions.

Users register samples in their studies by specifying the biological origin, protein complexity, volume, sample support... Samples can then be declared as "ready to be analyzed" on mass spectrometer. For each sample, users can access associated acquisitions.

Only authorized users, identified by a login/password, can access the system.



ePims™ System Architecture



ASA / CEA relationship

ASA, expert integrator in scientific computing, and the CEA, originator of ePims™, have signed a partnership agreement to leverage CEA's asset through a complete set of integration services.

Take immediate benefit of all the features of ePims™ Open Source software, ASA expertise and our complete services offering for your proteomics platform...
Contact ASA Now !

ASA *lims* Solution

Advantages

- A single point of contact : ASA
- Turnkey solution
- Open Source code and DB model under CeCILL
- Cross Platform support (Linux/Windows)

Description

- Existing hardware infrastructure audit
- Laboratory processes audit
- ePims™ (licence, installation, configuration)
- Researchers and IT staff training
- Maintenance support service (according to subscription)