NuSOFT CLARA

NUVIA

NuSOFT CLARA application is LIMS software that manages complex workflow and specific data requirements of any kind of laboratory. Maintaining well organized, secure, instantly accessible and easily reported laboratory data are just a few of NuSOFT CLARA's benefits.

> Product data

NuSOFT CLARA's key features and functionalities:

- Lab inventory & storage management
- Sample register - integrated barcoding
- Sampling plan - templates for regularly repeated analyses
- Sample double verification system (by operating staff and by authorized person).
- Resources planning and recording (laboratories, employees and their capacity, vehicles, special equipment, etc.)
- Data analysis
- Register of diagrams, calibration and analytical methods evaluation
- Register of chemicals, audits of chemicals
- Register of etalons, audits of etalons
- Support of operations executed at customer's site
- Accredited chemical laboratory operation support
- User defined reports, graphs, statistics and protocols in different languages (Czech, English, German, etc.)
- DWG format schemes and hand-plotted reports directly made in the application
- Limited access according to defined user rights
- Results modification and history monitoring
- Samples organizing by buildings, certificates, detectors, companies, calibration geometries, units, libraries, limits, rooms, modules, sampling points, departments, people, any parameters or sample types
- Billing module
- Web interface for remote monitoring
- Automated data capture
- Data import / export interface

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> Operational information

Examples of usage:

- Any laboratory (chemical, radiochemical, biological, etc.)
- PSDL and SSDL network (Primary/Secondary Standard Dosimetry Labs)
- Nuclear power plants
- Research institutes
- Universities

> Additional information

Database	Oracle 10 or above
Client operating system	Windows Vista and above
Cluster support	No (can be added)
Supported hardware	Instrument of any brand with electronic interface (LAN, USB, Serial,...) or exporting file
Application type	Client/Server
API	User defined function supported via Open API interface
Language	Local language support via translation TXT file

> System options

Add-On modules

Spectroscopy measurement

SMM module allows reading and processing of data from radiometry spectrometry measuring and evaluation systems from ORTEC, CANBERRA, Silena, Berthold, etc.

- Automatic/manual spectrometry measurement and evaluation
- Line inspection, prophylaxis, calibration, parameters adjustment and remote control
- Duplicate samples search and delete
- Import from external files formats

Metrology Laboratory Management

Metrology module of CLARA is cost-effective solution dedicated for the laboratories involved in instrument calibration. It covers whole live cycle of calibration process including remote monitoring by customers. It is used very often by SSDL (Secondary Standard Dosimetry Laboratories) network or companies using large number of measure instruments which needs periodic calibration.

- Calibration procedure monitoring
- Recording of calibration methods with the description of the metrological activity procedure
- Recording, generating, editing and tuning of calibration procedures
- Interface for digital communication with etalons and calibrators
- Comments recording
- Price list of operations

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