



# GenOhm

lab.informatics.simplified.

## SLIMS

*A Modern Lims*

**Flexible / Complete / Compliant**

*Slims is a full featured Lab Information Management System (LIMS) & Electronic Lab Notebook (ELN) solution.*

**orders > samples > experiments >  
tests > data > analysis > results**

Next generation laboratories require next generation laboratory software. Flexibility, scalability, ease of use, an open architecture and completeness are factors that today's labs value in their lab software. Slims was designed with these principles in mind.

# SLIMS

*SLims* was built with the latest web technologies, in close cooperation with next generation laboratories. *SLims* is extremely flexible, and ready to be adapted to any type of laboratory. The *SLims* configuration can be permanently modified and fine-tuned as your lab changes in time and scope.

*SLims* only needs a browser to run, but feels like a desktop application. Easy to use spreadsheet style grids, visual location details and seamlessly integrated configuration modules guarantee a short learning path for both users and administrators. The central server based deployment allows easy monitoring and hassle-free updates.

*SLims* has an integration layer built into its very core. This ensures interoperability with virtually any system, database or instrument. Enhance the power of *SLims* by integrating your data analysis tools, computational flows into the same environment where you keep your samples, protocols and results. *SLims* combines the advantages of a LIMS with that of an ELN, and adds much more, and this without compromising security, traceability or stability. *SLims* is a complete solution for any laboratory.





### > **Sample and Location Management**

- > Register samples and reagents
- > Assign, print and scan barcodes from within SLims
- > Visually design printer labels and manage your network label printers
- > Visually locate samples or available space in freezers, racks, rooms
- > Always know what other samples are derived from any sample
- > Configure automated scenario's to be executed on scanned samples

### > **Electronic Lab Notebook**

- > Collaborate on projects and experiments
- > Define rigid or flexible protocols
- > Closely monitor all lab activity
- > Track and query historical experiments and tests
- > Query your data using arbitrarily complex expressions
- > Never loose the link between sample, experiment and result

### > **Scientific Data Management**

- > Attach and trace any data to an experiment or sample
- > Preview your documents directly from within SLims
- > Refer to attached information directly from the ELN



> **For research labs**

> **For next generation sequencing labs**

> **For service facilities**

> **For regulated labs**

## > **Lab Data Integration**

- > Directly connect lab machines to SLims
- > Import and map machine data to experiment runs
- > Incorporate existing databases and systems

## > **Order Management, Work Lists and Reporting**

- > Manage external orders, track and approve results
- > Organize your daily operation with work lists
- > Generate custom reports



> **For biobanks**

> **For laboratory  
automation**

> **For QC labs**

## > **Compliance**

- > Full data auditing: modification tracking, data history & automatic protocol versioning
- > Two way traceability: track relations between lab materials
- > 21 CFR Part 11 ready – ISO compliant

## > **Security**

- > Integrate with existing authentication systems
- > Fine-grained access and functionality control



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