

GLIMS

A future-proof solution for all laboratory disciplines

By far the most widely used laboratory information system in Europe





A complete solution for modern laboratories

GLIMS is a high-performance laboratory information system (LIS) that allows you to organise and automate all processes exactly as you want them: from order entry and instrument control to results reporting, invoicing and statistics.

GLIMS can be used in private laboratories, hospital laboratories and university centres for an extremely diverse range of laboratory disciplines: haematology, clinical chemistry, serology, immunology, toxicology, microbiology, bacteriology, epidemiology, virology, blood transfusions, genetics and clinical studies.

Thanks to the rich functionality of GLIMS, your laboratory can work more efficiently. You save time and money, while offering an enhanced service for requesters and patients – today and tomorrow.



With GLIMS, you can streamline all your laboratory activities:

- GLIMS automates repetitive tasks – data entry, results reporting, invoicing, billing and follow-up of payments, and more – and reduces manual interventions to a minimum.
- GLIMS centralises control of all Total Lab Automation (TLA) instruments, robotic lines and installations.
- GLIMS is extremely flexible. Not only can you design the workflows to suit your laboratory activities, you can also configure the user screens as desired, at the level of a department, a role or even an individual user – with personalised reports for each doctor, for example.
- GLIMS not only supports the analysis of individual samples, but also sample pooling, such as for COVID-19 testing.
- The application fully complies with current laws and regulations: data protection, patient privacy, quality, pricing, invoicing, VAT, etc.
- With advanced track & trace, you always know who performed what action on which sample or subsample, and where the sample is right now in the workflow. This helps ensure quality and patient safety throughout your entire workflow.
- The application is easy to use, with minimal training needed to get started.
- GLIMS is multilingual, allowing you to use different languages within a single database.
- You can easily extend your LIS installation to other laboratories and hospitals – in the event of a merger or close cooperation, for example.
- The application is cloud-ready and future-proof, evolving with the needs of modern laboratories. Ongoing updates ensure that even the most advanced laboratories always have all the functionality they need.

Powerful tools

Business intelligence to keep you ahead

With the handy wizard, you can create statistics on your laboratory's productivity, quality and financial performance in the blink of an eye. Use this insight to fine-tune and optimise your processes as needed. You can customise reports based on a wide range of selection and classification criteria, then export them to other applications such as Microsoft Excel, Microsoft Access or a web browser.

An interactive dashboard allows you to quickly and easily visualize and monitor your business activities and KPIs in real time. The module is easy to use: any user can create and customise a dashboard according to his needs, in an intuitive way.



The billing module manages pricing for all services your lab provides; generates electronic or paper invoices, and helps you keep track of payments.

Compliant pricing and invoicing

The GLIMS billing module is designed to comply with all applicable regulations, as well as the specific billing requirements of your private or hospital laboratory. It manages pricing for all the services your lab provides, generates electronic or paper invoices, and helps you track payments.

Robust stock management

GLIMS manages your stock down to the smallest detail. You can define stock requirements even on the level of an individual workstation, while ensuring static and dynamic inventories to meet your seasonal needs. Monitor stock movements and statuses in real time, and receive notifications when items reach their expiry date.

Universal data archive

The GLIMS archive lets you process any XML document. Easily track all your documents and display them in a clear, configurable HTML layout or in your GLIMS LIS.



Rich functionality for your laboratory – today and tomorrow

Modern, task-oriented user interface

Designed around task-oriented workflows, the .NET-based GLIMS user interface offers a familiar and modern look and feel. By minimising the number of clicks, this enhances the user experience.

- The well-organised homepage gives each user access to the most important tasks and job lists.
- Task-oriented windows and context-specific menus show everything relevant for a specific user. Modern ribbons offer direct access to frequently used features.
- Complex laboratory processes are clearly displayed.
- Icons allow quick and easy recognition of tasks and activities.
- The workflow visualisation tool illustrates links between procedures, and provides insight into all process validation inputs and outputs.

Seamless communication with laboratory instruments and other information systems

GLIMS works perfectly with all the instruments in your laboratory, as well as with robotic lines and TLA systems. It can be integrated with third-party software applications easily and efficiently.

- MIPS is an active player in the global IHE Initiative, with Integration Statements for several IHE Profiles.
- GLIMS supports all common international standards: HL7, CDA, FHIR, HPRIM, LDT, ASTM and Edifact, as well as SNOMED-CT and LOINC coding.

This ensures seamless communication with hospital information systems (HIS), patient records, GP packages, insurance systems, accounting solutions and more.

GLIMS



+ 1,000
laboratories



with around
20,000 users



in
19 countries

GLIMS is by far the most widely used laboratory information system in Europe. More than **1,000 laboratories** with around **20,000 users** in **19 countries** depend on GLIMS.



Data protection and privacy

Patient data are by definition sensitive. Securing and protecting them from unauthorised access requires the utmost care. GLIMS leaves nothing to chance.

- In a single screen, administrators can assign permissions, roles and access profiles to each individual user.
- Based on roles, users are given access to only the features and data that they need. In addition, all actions are audited.
- For hospitals that manage access rights centrally, GLIMS supports LDAP authentication.
- Transparent data encryption (TDE) helps secure the laboratory's database.
- MIPS also holds an ISO 27001 certification. You can rest assured that your sensitive data are – and will remain – in safe hands with us.

Quality first

GLIMS helps you monitor quality in your laboratory:

- GLIMS supports standard operating procedures (SOPs) that ensure data validity and traceability.
- Advanced track & trace for all objects and samples is based on barcodes and logging of all operations. Along with other features, such as the management of non-conformities and the registration of consults, this supports your quality management system and ISO 15189 compliance, and also helps improve patient safety.
- The rights to view data, to be forgotten and to data portability can be invoked at the push of a button, ensuring compliance with applicable privacy policies and EU law (GDPR).



GLIMS perfectly meets our hospital's needs in terms of data exchange and transparency. At the same time, the solution supports restructuring, and thus contributes significantly to our overall drive for modernisation.

Prof. Eric Lepage

Director of Centre de Compétences et de Services (CCS) du Système d'Information Patient, AP-HP, Paris, France





CliniSys | MIPS

a complete portfolio for end-to-end workflows

The CliniSys | MIPS portfolio offers complete workflow solutions for every laboratory specialisation from A to Z. All of the individual components work together seamlessly.

When you combine GLIMS with CyberLab, data recorded in one system is available in real time in the other. This gives you access to even more information, further improving speed and efficiency.

Here's an example:

A patient attends a lab or clinic for a blood test. GLIMS and CyberLab interact directly:

- In CyberLab, the requester sees not only the lab orders scheduled for the patient, but also unscheduled orders. Once a request is selected, it's immediately activated in GLIMS.
- GLIMS then determines which samples are needed in the laboratory. The requester receives this information in CyberLab.
- CyberLab notifies GLIMS which person took which sample and when, making all samples traceable in accordance with ISO 15189.
- Based on the exact time of sample collection – available in both CyberLab and GLIMS – the requester can check whether a sample is still viable. Additional tests can be requested if needed, without taking new samples.

The market leader in Benelux

At CliniSys | MIPS, we've been developing premium information systems and workflow solutions for more than 35 years. Today, our portfolio makes the difference for 2,500 medical laboratories in 35 countries. In Benelux, CliniSys | MIPS is the undisputed market leader.

2,500

laboratories

35

countries

260

employees

Why CliniSys | MIPS



Integrated diagnostics: From order entry to sample collection and results sharing

Our solutions can be flexibly tailored to the needs of hospitals and private laboratories covering all disciplines. They support any workflow, from the simplest to the most complex, in clinical chemistry, microbiology, pathology, molecular diagnostics, genetics and blood transfusion management.

With our Integrated Diagnostics portfolio, laboratories can cut costs, save time, and provide better care.

The future of the laboratory – new perspectives

The CliniSys | MIPS portfolio is future-proof, constantly evolving with the growing needs of even the most advanced laboratories. We achieve this through our relentless focus on innovation and technological leadership; the commitment, laboratory experience and expertise of our 260 employees¹; and, last but certainly not least, feedback from our users all over Europe.



¹More than 80% of our Customer Service team and our Support team have a scientific background.

With GLIMS, you can automate your workflow from A to Z, for all your laboratory disciplines:

