



XIFIN LIS

The Most Advanced LIS

Extending the laboratory's role in the healthcare ecosystem

LABORATORY INFORMATION SYSTEM

- > Modular approach provides scalability
- > High configurability delivers flexibility
- > Consolidated reporting drives engagement
- > Interoperability ensures accurate data
- > Digital pathology workflow improves accessibility

XIFIN LIS is the only SaaS-based LIS platform that offers multi-specialty workflows and collaboration tools necessary to support precision medicine programs

Diagnostic insights have the potential to reduce overall healthcare costs, improve patient care, and support precision medicine programs. The healthcare industry is changing in response to value-based and patient-centered coordinated care models. As a result, the role of laboratories within the larger healthcare ecosystem is more important than ever before.

The shift in the role of laboratories within the larger healthcare ecosystem means that more interaction and greater communication is required between healthcare and diagnostic providers. At the same time, patients are demanding more involvement in their own care. To meet these needs, the healthcare industry must have technology that gets the right information to the right people, at the right time. XIFIN LIS is designed to help laboratories adapt to this shift. XIFIN LIS is the only SaaS-based laboratory information system (LIS) platform that offers multi-specialty workflows and collaboration tools necessary to support precision medicine programs. It increases laboratory testing capacity, shortens turnaround time, creates new revenue stream opportunities, and makes it easier to connect to other healthcare partners. XIFIN LIS improves operational efficiencies and delivers flexibility necessary for today's laboratories to thrive.

Modular Approach Provides Scalability for Any Laboratory

XIFIN LIS is specifically designed to meet the varied operational needs and regulatory requirements for every kind of diagnostic laboratory. It can be used as a stand-alone LIS that manages multiple test specialties or it can be utilized to supplement the capabilities of an existing LIS that may not support a specific type of test. XIFIN's modular approach provides laboratories the flexibility to choose only those workflows they require to meet their immediate needs and to readily add more when required to scale.

Ultimate Workflow Visibility Helps Optimize Lab Operations

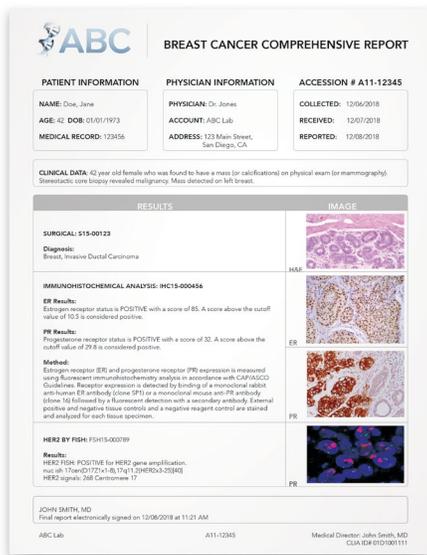
By design, XIFIN LIS provides the workflow visibility needed to see what tests are being run, where they are in the process, and what steps are next.



Test-Specific Automation Makes it Easy to Get Started

XIFIN LIS automates and manages diagnostic workflows—regardless of complexity or volume. With configuration-driven automated workflow modules supporting more than 17 different testing specialties, it's easy to get started.

Anatomic Pathology	Clinical Pathology	Molecular Diagnostics	Genomics
<ul style="list-style-type: none"> > Surgical > Gastrointestinal > Gynecological Cytology > Non-Gynecological Cytology > Prostate 	<ul style="list-style-type: none"> > Bone Marrow > Immunohistochemistry (IHC) / Special Stains > Morphology > Flow Cytometry > Cytogenetics 	<ul style="list-style-type: none"> > Biochemistry > Hematology > Microbiology > Toxicology 	<ul style="list-style-type: none"> > FISH > Chromosomal Micro-Array > PCR > Next-Generation Sequencing > Sanger Sequencing > Pharmacogenomics



XIFIN LIS reports synthesize and display all the information that needs to be conveyed, including multi-modal tests, graphical charts and diagnostic images, prior test results, and narrative and graphical interpretations. Reports are professionally branded with a laboratory's identity and branding. Comprehensive reports are an essential cornerstone in maximizing the value to referring physicians and coordinated care teams.

XIFIN LIS maintains a full audit trail that documents who did what and when, as well as what changes were made to the sample. Every team member can see his or her own worklist so that cases or samples can be prioritized based on turnaround time, daily work can be organized, and members' time optimized.

Highly Configurable Solution Delivers Needed Flexibility

XIFIN LIS provides end-user configuration toolsets to manage workflow updates, user privileges, and dynamic elements such as reference ranges and reagent information. Input screens can be tailored to capture unique data elements for case specific reporting requirements.

Consolidated Reporting Drives Client Loyalty and Engagement

The report is in many ways a laboratory's calling card, and XIFIN LIS provides customizable reports that enable pathologists to better support physicians by providing informative and clear diagnostic guidance. Ordering physicians can quickly digest time-sensitive information. Reports can include diagnostic images, transcribed narratives, current and previous test results, patient history, and calculated scores to show the probability of an outcome against a given population of patient data.

Reports can range from simple clinical summary results and complex next-generation sequencing profiles to comprehensive summaries that incorporate results from several modalities into a single report. Drill-down links enable physicians to easily review information in detail and share it with others as needed.

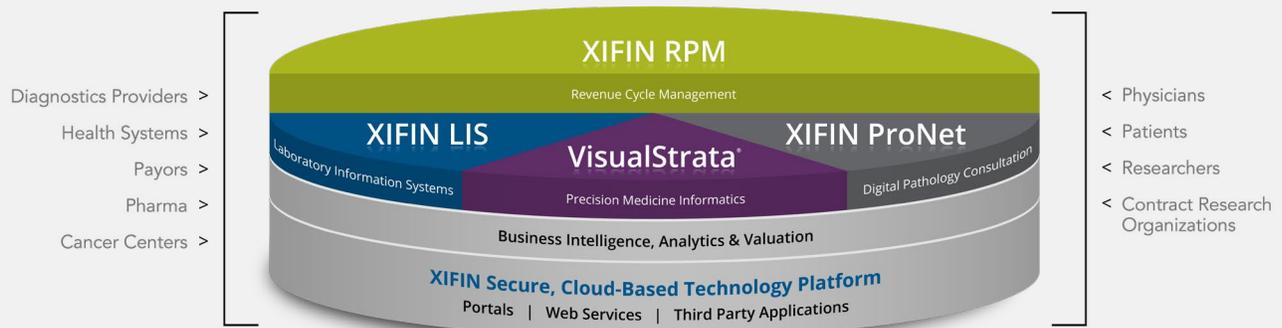
Access from Anywhere and Always Up to Date

XIFIN LIS is hosted at the premier Tier 5 co-location facility, in Las Vegas, Nevada. XIFIN's infrastructure platform is built on high availability architectures leveraging redundancy and virtualization at every level to ensure minimal to no downtime. Since it is cloud-based, XIFIN LIS is accessible from anywhere with an internet connection. Plus, SaaS delivery ensures organizations will always be using the latest version, without ever having to deal with maintenance or costly, time-consuming software updates.

Create New Revenue Opportunities through TC/PC Workflows

XIFIN LIS is also designed to separate technical and professional workflow components for revenue sharing business relationships, seamlessly managing complex technical/professional (TC/PC) revenue splits for any workflow including flow cytometry, FISH, and digital pathology.

An Integrated Platform Means More Efficient Operations, Faster and More Accurate Claims, and Richer Data



XIFIN: An Integrated Platform

XIFIN LIS is part of a complete cloud-based laboratory platform that manages data from patient to payment. This platform also supports XIFIN RPM for optimized revenue cycle management (RCM). Used together, the integrated clinical data generated by XIFIN LIS and the detailed financial information from XIFIN RPM form the basis for insightful business intelligence that will help laboratories thrive. Together, the reimbursement process is expedited, as data is exchanged in real-time along with supporting documentation for clinical evidence and appeals support.

When XIFIN LIS and XIFIN RPM are implemented together, they share real-time web services updates to manage shared client and case information. Document upload and management are also streamlined to make the appeals, patient, and payor inquiry processes more efficient. The systems work together to automate workflows for eligibility and prior authorization. Missing patient eligibility information is also identified and corrected earlier in the reimbursement process.

Business Intelligence (BI) reports can include both clinical data (from XIFIN LIS) and financial data (from XIFIN RPM) to provide enterprise-level insights, while BI dashboards provide real-time monitoring of laboratory KPIs.

Interoperability Ensures Accurate Information

In the era of the connected healthcare ecosystem, an efficient and scalable data exchange and communication strategy with internal and external systems is paramount. Streamlining workflow and integrating systems with partners and customers is equally important. XIFIN LIS connects with client EMRs for electronic order entry and delivery of results either through direct interfaces or through a third-party middleware hub. Instrument integration can be accomplished through similar channels. Electronic data exchange not only improves turnaround time, it also reduces errors and solidifies partner relationships.

Digital Pathology Workflow Improves Accessibility

XIFIN LIS features integrated digital pathology workflows with device-independent digital slide functionality. The XIFIN LIS platform simplifies the sharing of digital pathology images between healthcare peers using XIFIN ProNet. This is particularly important for complex cases where secondary consultations are often required. Collaborating healthcare team members may not be co-located in the same facility, thus digital sharing of patient cases promotes faster turnaround times for case reporting enabling clinicians to act upon diagnostics insights sooner.

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XIFIN LIS Includes the Following Input Screens & Functions:

- ✓ Accessioning
- ✓ Auto-verification
- ✓ Batch Printing
- ✓ Batch Resulting
- ✓ Billing Management
- ✓ Clinical Trials
- ✓ Control & Reagent Management
- ✓ EMR Integration
- ✓ Instrument Management
- ✓ Macro Management
- ✓ Management Reporting
- ✓ Plate Mapping
- ✓ Quality Control Management
- ✓ Reflex Ordering
- ✓ Remote Ordering & Resulting
- ✓ Report Distribution
- ✓ Result Distribution
- ✓ Result Reporting
- ✓ Screen Configuration
- ✓ Send-out Management
- ✓ Specimen Management
- ✓ Summary Reports
- ✓ Test Management
- ✓ Workflow Configuration

Advanced Capabilities Extend the LIS beyond the Laboratory

Multidisciplinary Care Team

Collaboration – When multidisciplinary care teams collaborate to determine a patient’s course of treatment, recommended therapies change in more than 25% of cases, increasing the potential for improved patient outcomes. In addition to improving patient outcomes, these capabilities also open up new revenue opportunities for labs that help offset diminishing reimbursements. To support collaboration and consultation, XIFIN LIS can be extended using VisualStrata® to provide universal image management capability that enables pathologists, radiologists, and oncologists to securely upload as well as synchronously and asynchronously view and annotate whole slide digital images, DICOM, and other medical images associated with a particular case. It also enables them to create clinical summary documentation.

Universal Image Management

– XIFIN LIS provides real-time electronic access to all medical images associated with a case. This access speeds up and simplifies collaboration between physicians and other authorized members of the patient care team. Securely exchanging medical images eliminates the need to ship patient images to other locations, drastically reducing the risk of loss or unauthorized access of patient data. Secure electronic access to medical images in conjunction with automated workflows also eliminates delays and reduces cost. The image data is stored in a Good Laboratory Practices (GLP)-compliant archive in a structured format, so it is easily accessible for audits and retrospective review. Data remains available to ensure interoperability with other systems.

Digital Pathology Consultations

– Within XIFIN LIS, pathologists can collaborate and consult with colleagues over a secure network, which increases opportunities to work together on complex cases and improve patient outcomes. Pathologists can connect with multidisciplinary teams, including radiology and oncology, view relevant images, discuss cases, and determine treatment plans. Pathologists can also leverage XIFIN LIS to extend their digital pathology consultation capabilities outside their practice or hospital system to easily offer or solicit secondary consults in a sub-specialty, when appropriate.

An LIS that Gives Laboratories a Competitive Edge

An integrated LIS is a critical and central component in an efficient laboratory operations strategy—indeed the LIS is the day-to-day lab workhorse. Those laboratories that are proactively addressing the challenges and the opportunities in the healthcare industry see their LIS as a critical success factor.

XIFIN LIS is a flexible and scalable, web-based laboratory information system that has the operational capabilities needed to evolve with changing business requirements.

XIFIN LIS is more than just a laboratory information system—it’s a strategic investment that seamlessly integrates with other laboratory systems and healthcare partners, allowing laboratories to optimize performance. Simply put, XIFIN LIS provides laboratories with the competitive edge needed to stay ahead of the game in today’s challenging healthcare environment.



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