

# Psychē NucleoLIS

A fully automated Laboratory Information System (LIS) and Molecular Information Management Solution (MIMS) for clinical, molecular, and genetic labs.

<https://psychesystems.com/>

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## Overview

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Psychē NucleoLIS Efinity™ is a fully automated Laboratory Information System (LIS) and Molecular Information Management Solution (MIMS) tailored for the unique and diagnostically diverse complexities of clinical, molecular, and genetic testing laboratories. It supports a wide range of molecular disciplines and workflows, including PCR, FISH, Karyotyping, Immunology, DNA Sequencing, Next-Generation Sequencing (NGS), and Pharmacogenomics. The system is designed to streamline operations, reduce errors, and ensure regulatory compliance.

### Key Features & Capabilities:

**Customizable Workflows:** Allows labs to build and fully configure specific test menus, workflows, and complex reporting requirements.

**Rules-Based Automation:** Supports rules-based logic for automatic reflex testing and range checking (e.g., Low, Normal, High).

**Data & Specimen Tracking:** Includes a Specimen Storage Manager and Case Status Steps to track specimen location and monitor progress, along with bar code capability for accessioning.

**Integration & Interfacing:** Provides seamless integration with diagnostic instruments (including Result Review/Release capabilities), EMR/PMS systems, and billing networks using standard industry file formats like HL7, XML, and PDF via **E.xtension Modules** (e.g., e.Monitor, EMR Interfacing, e.Outreach).

**Reporting:** Features highly customizable, secure, and HIPAA-compliant report formatting and distribution, with tools to help attest to CLIA and CAP required requirements.

**Patient Context:** Enables the storage of patient familial relationships, medications, and external historical patient medical records (reports and images) for greater diagnostic context.

**Business Intelligence:** Enhanced with optional modules like e.Dashboard (real-time monitoring) and e.Query (data extraction and analysis).

### Target Users & Use Cases:

NucleoLIS is an enterprise-level LIS designed for hospitals, commercial, and clinical labs of all types and sizes, specializing in molecular diagnostics, genetic testing, and toxicology.

## Key Features

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- Molecular Diagnostics Workflow Management
- Rules-based Reflex Testing & Range Checking
- Customizable HIPAA-Compliant Reporting
- EMR/PMS/Instrument Interfacing (HL7, XML, PDF)
- Specimen Storage & Case Status Tracking
- Patient Familial History & Document Management
- Real-Time Management Dashboard (e.Dashboard)
- Batch Accessioning and Resulting

## Pricing

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**Model:** enterprise

Enterprise-level software with competitive pricing. Subscription/monthly payment options are available for new labs. Contact Psychē Systems for a quote.

**Target Company Size:** small, medium, enterprise

## Integrations

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EMR Systems, Practice Management Systems (PMS), Diagnostic Instruments, Billing Networks, Reference Laboratories, HL7, XML, PDF

## Compliance & Certifications

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HIPAA, CLIA, CAP