Hostune

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LABORATORY MANAGEMENT SYSTEM

Powered By
Hostune Labs Pvt Ltd

Hostune Labs Pvt Ltd
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Tune LIS

Features & Services

Machine Integration

Cloud & Multi Platform Support

QR Code, WhatsApp & SMS Integration

AI Powered Analytics & Predictions

Centralized Reporting & Branch Management

Tune LIS at a Glance

- Patient Management & Billing
- Sample & Test Management
- Instrument Integration
- Results Management & Reporting
- Quality Control (QC) & Compliance
- Analytics & Reporting
- Inventory & Reagent Management
- Multi-Platform Access
- User Management & Security
- Regulatory & Customizable Alerts
- Advanced Interoperability (FHIR & HL7 Integration)

Tune LIS

Patient Management & Billing

- Patient Registration and Demographics.
- Appointment and Scheduling Management.
- EMR and HIS Integration.
- Test Orders and Sample Tracking.
- Test History and Longitudinal Reporting.
- Patient Portal Access.
- Feedback and Communication Management.
- Privacy and Security.

- Automated Billing and Invoicing.
- Multiple Payment Options.
- Insurance and Third-Party Billing.
- Discounts and Promotions Management.
- Billing for Referral and Partner Labs.
- Tax and Compliance Handling.
- Accounts Receivable (AR) Management.
- Financial Reporting and Analytics.
- Error and Fraud Detection.
- Integration with ERP and Accounting Systems.

Improved Operational Efficiency:
Automates routine tasks like scheduling, invoicing, and reporting.
Enhanced Patient Satisfaction:
Offers patients real-time status updates and easy access to reports.
Financial Transparency:
Ensures accurate and compliant billing.
Data Integrity and Security:
Protects patient and financial data through encryption and audit trails.

Sample and Test Management

- Sample Accessioning and Identification.
- Sample Collection Tracking.
- Sample Storage Management.
- Chain of Custody Tracking.
- Sample Rejection Handling.
- Sample Disposal and Retention Management.
- Automate notifications

- Test Ordering and Workflows.
- Automated Test Assignment.
- Instrument Integration and Data Transfer.
- Turnaround Time (TAT) Monitoring.
- Quality Control (QC) Management.
- Result Validation and Reporting.
- Test Result Delivery.
- Reflex Testing and Add-On Orders.
- Audit Trails and Regulatory Compliance.

Improved Efficiency:
Automate workflows to reduce manual errors and speed up operations.
Enhanced Traceability:
Ensure complete tracking of samples and tests with audit trails.
Compliance Support:
Meet regulatory standards with pre-configured QC protocols.
Resource Optimization:
Efficiently manage instruments, storage, and staff workload.

Machine Integration

Process Flow

- Sample Accessioning
- Instrument Routing
- Sample Processing
- Result Transmission
- Result Validation
- Report Delivery

- Middleware for Device Connectivity.
- Instrument Data Acquisition and Auto-Result Entry.
- Bidirectional Interface.
- Multi-Instrument and Multi-Vendor Support.
- Sample Workflow Automation.
- Maintenance and Calibration Alerts.
- Turnaround Time Monitoring and Optimization.
- Alerts and Error Handling.
- Data Security and Compliance.

Improved Accuracy:
Reduces manual errors by automating data capture and entry.
Increased Efficiency:
Accelerates sample processing with real-time data exchange.
Optimized Resource Use:
Balances workload across instruments to avoid bottlenecks.
Better Decision Making:
Provides instant access to instrument data and test statuses.

Result Management & Reporting

Process Flow

- Test Order
- Sample Collection and Processing
- Result Validation
- Report Generation
- Report Delivery
- Notifications
- Archiving

- Customizable Report Templates.
- Multi-Level Validation Workflow.
- Automated Report Delivery.
- Reflex and Add-On Testing Support.
- Configurable Report Release Rules.
- Historical Data and Cumulative Reporting.
- Compliance and Data Integrity.
- Multi-Language Reporting.
- Turnaround Time (TAT) Monitoring.
- Analytics and Reporting Insights.

Accuracy, Reliability & Improved Efficiency:
Automated data entry and validation reduce errors.
Auto-validation and scheduled report delivery save time.
Better Patient Care:
Quick and accurate reporting allows timely medical interventions.
Enhanced Communication:
Physicians & patients receive results faster through automated channels.

Quality Control & Analytics

- Pre-Analytical Quality Control.
- Automated Instrument QC Management.
- Control Material Management.
- Levey-Jennings Charts.
- Westgard Rules Application.
- QC Alerts and Notifications.
- Regulatory Compliance and QC Reporting.
- Proficiency Testing Management.

- Test Volume Analysis.
- Turnaround Time (TAT) Monitoring.
- Error and Rejection Analysis.
- Quality Control Performance Reports.
- Resource Utilization Reports.
- Patient Analytics and Demographics.
- Revenue and Billing Analytics.
- Predictive Analytics for Workflow Optimization.

Enhanced Accuracy and Reliability:
QC protocols ensure consistent and reliable test results.
Compliance and Audit Readiness:
Automated QC logs and reports simplify regulatory compliance.
Data-Driven Decision Making:
Predictive analytics help forecast needs and improve planning.
Improved Patient Outcomes:
Accurate and timely reporting improves patient care and treatment.

Inventory & Reagent Management

- Stock Update
- Reagent Reservation
- Expiry Monitoring
- Usage Tracking
- Reorder Alert
- Restocking
- Compliance Check

- Real-Time Inventory Tracking.
- Reagent Expiry and Stability Monitoring.
- Usage Forecasting and Demand Planning.
- Reagent Reservation for Scheduled Tests.
- Reorder Management and Vendor Integration.
- Barcode and QR Code Integration.
- Compliance and Traceability.
- Environmental Condition Monitoring.
- Inventory Reporting and Analytics.
- Integration with Test Workflow.

Reduced Downtime :
Ensure reagents are always available, minimizing workflow interruptions.
Improved Accuracy :
Prevent errors by blocking expired or incorrect reagents from being used.
Cost Efficiency :
Avoid overstocking and wastage with predictive inventory management.
Regulatory Compliance :
Maintain audit trails and traceability for inspections.

User Management & Data Security

- User Account Setup
- Login and Authentication
- Role-Based Access
- Audit Logging
- Alert for Suspicious Activity
- Periodic Password Update
- Compliance Reporting

- Role-Based Access Control (RBAC).
- User Authentication and Login Management.
- User Activity Tracking and Audit Trails.
- User Groups and Departmental Management.
- Password Management Policies.
- Data Encryption and Secure Communication.
- Compliance and Regulatory Management.
- Alert and Notification System for Security Events.
- Backup and Disaster Recovery Management.
- Remote Access Management.

Improved Accountability :
User tracking ensures that all actions are recorded and auditable.
Data Privacy and Protection :
Strong security measures protect sensitive patient information.
Error Prevention :
Role-based access reduces the chance of data modification.
Incident Response :
Alerts and notifications enable quick resolution of security issues.

Multi-Location & Branch Management

- Sample Collection
- Sample Transfer
- Result Validation
- Cross-Branch Access
- Billing Management
- Performance Monitoring

- Centralized Data Management.
- Branch-Level Role and Access Management.
- Sample Collection and Transfer Management.
- Test Distribution and Load Balancing.
- Inventory & Reagent Management Across Branches.
- Multi-Location Reporting and Analytics.
- Patient and Billing Management Across Branches.
- Data Synchronization and Backup Management.
- Quality Control Across Branches.
- Alerts, Notifications, and Incident Management.

Improved Patient Experience :
Enable cross-branch service delivery with seamless access to reports .
Centralized Control :
Manage operations, user roles, and QC protocols from a central office.
Scalability :
Easily add new branches and integrate them into the existing system.
Regulatory Compliance :
Ensure all branches follow consistent guidelines for compliance & audits.

● Tune LIS

THANK YOU
FOR YOUR ATTENTION

With advanced features such as real-time reporting, automation, and analytics, an LIS not only optimizes day-to-day lab activities but also supports long-term growth and scalability. By improving operational efficiency, reducing errors, and ensuring better patient care, a robust LIS empowers laboratories to meet the evolving demands of modern healthcare environments.

Other Products & Services

HOSPITAL MANAGEMENT SYSTEM
CLINICS | MULTI & SUPER SPECIALITY HOSPITALS | MEDICAL COLLEGES

PHARMACY MANAGEMENT SYSTEM
MEDICAL STORE | MULTI BRANCH PHARMACY | CHAIN PHARMACY

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