

4medica

Marina Del Rey, Calif
424-289-2500
www.4medica.com

Abbott Rapid Diagnostics Informatics

Charlottesville, Va
888-971-7953
www.rals.com

bioMérieux

Durham, NC
919-620-2000
www.biomerieux-usa.com

1. What is the brand name of your company's LIS or operational middleware?
2. What is the latest version of your LIS or middleware; and what year was it released?
3. Specify the authorizing agency, type, and year of the product's regulatory authorizations.
4. What is the intended use or primary function of the product?
5. With which of the following systems or instruments is your system able to interface?
 - anatomic and digital pathology systems
 - bedside or handheld ID systems
 - blood banking
 - central data repositories
 - cytology systems
 - electronic medical records
 - hospital information systems
 - laboratory automation systems
 - microbiology instruments
 - molecular diagnostic instruments
 - pharmacy systems
 - point-of-care instruments
 - practice management and billing systems
 - public health surveillance systems
 - reference lab systems
 - other
6. If you answered "other," explain briefly.
7. On what operating system is your LIS or middleware based?
8. What database system does your LIS or middleware use?
9. Briefly describe any automated features.
10. What is the typical training time for the product?
11. What types of technical support are available?
12. What capabilities, features, or accessories distinguish this product from others?

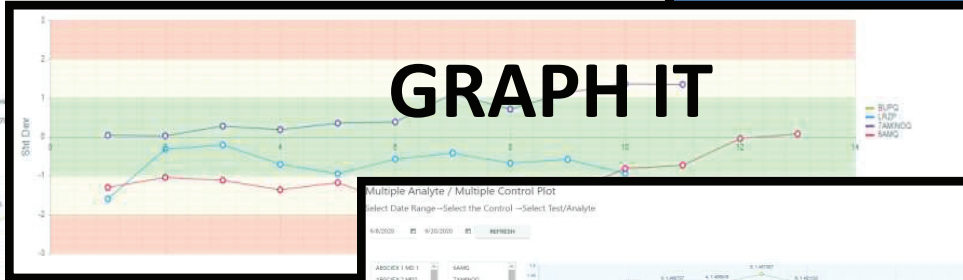
4medica Health Data Exchange	Rals	Myla
Version 20.1; 2000	Version 6.0 SP7 (updated approximately 4 times per year); 1998	Version 4.8 (updated 1 to 2 times per year), 2020
HITRUST, 2020	NA	FDA Nondevice MDSS
Cloud-based middleware platform that enhances electronic data exchange of clinical, pathology, imaging orders, and results; provides patient record verification and orders verification.	RALS™ SYSTEM is a data management system for use with data from point-of-care (POC) devices. The system accepts information from the POC devices and delivers it to a client/server application via the hospital's network for laboratory personnel (e.g., lab manager, point of care coordinator, medical technologist) review. Here, the laboratory personnel can track data coming from multiple devices, ensure that quality control specimens have been run, detect duplicate analyses and perform other data management functions.	Middleware solution that facilitates instrument connectivity and accessibility, improves workflow management, and offers powerful analytics for microbiology laboratories.
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Revenue cycle management systems		
Cloud-based, accessed via standard web browsers or integrated via HL7 connectivity over site-to-site VPN.	Windows Server 2016	Windows Server 2016, Windows 10
Oracle and MongoDB	SQL Server	Built-in PostgreSQL database
Interfacing capabilities for automatic results to/from major LIS and EMR/EHR systems. Automated RCM services such as preauthorizations and eligibility verification.	Auto-recertification of point-of-care device operators	Real-time workflow alerts for applicable equipment; schedule reports for automatic delivery; interfacing capability to major laboratory information systems.
1 to 2 hours of training for web-based orders and results portal application.	Varies depending on institution	Typically for 2 days on-site; 2 to 3 days for off-site training if needed.
24/7 support via phone, email, self-service portal; live chat during normal business hours	24/7 support via phone, email, and online video training resources.	24/7 support via phone, email, and online training resources all with applicable service agreement.
Cloud-based platform allows for easy customizations and is highly scalable. Encompasses all aspects of the ordering process including eligibility verification, preauthorization, and medical necessity, and automatically verifies order accuracy to ensure fast processing and easy collections.	Direct-to-device interfacing for the majority of devices in the connectivity menu; single point of control; vendor-neutral, open system; integrated eLearning solutions; on-demand training videos; online monthly webinars; on-location user groups.	Real-time notifications on workflow (positive bottle alerts, average time to load bottles, etc) and task management (contamination reviews, MDRO reviews, etc). Statistical reporting module contains numerous reports on both blood culture workflow and ID/AST management.



It's a new world for Laboratory Data...

See Your QC Data from a New Perspective

LOG IT



REPORT IT

SIGN UP TODAY

REGISTRATION.CLIN1QC.COM

What's Next...



Web-Based Laboratory System
New Functionality to Fit the New World
with All the Flexibility & Support that You Expect

Questions? www.CLIN1Mobile.Net/Information-Request

Clinical Software Solutions

Queen Creek, Ariz
480-888-9447
www.Clin1Mobile.net

Clinical Software Solutions

Queen Creek, Ariz
480-888-9447
www.CLIN1Mobile.net

Comp Pro Med

Santa Rosa, Calif
800-276-4522
www.compmed.com

CompuGroup Medical

Phoenix, Ariz
800-359-0911
www.cgm.com/us

Clin1 LIS	Clin1 LMS	Polytech LIS	CGM LabDaq laboratory information system
Version 12.0 (MS SQL), 2008; Version 11.6 (Sybase), 1987	Version 1.3, 2015	Version 8.6.3; August 2019.	Version 20.5, released in 2020
NA	NA	NA	NA
Laboratory information system	Laboratory analyzer and point-of-care results processing to third-party vendors.	Laboratory information system	Laboratory information system
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Web portals; client portals	Web portals; client portals		
MS Windows	MS Windows	Windows	Windows
MS SQL and Sybase	MS SQL	Pervasive	MS-SQL
Auto release, auto notification and auto reporting functionality. Flexible patient and/or client portals for self-service functions. Charge tracking and support for client billing price schedules.	Interfacing for orders and results with other vendors' EHR/EMR systems for facilities that do not require a full laboratory information system; easy-to-use intuitive screens; sample detail and tracking.	Automates reporting functions; more than 300 user-definable rules for process automation.	Automated result delivery via EMR, web, fax, or email. User-defined rules support billing, reflexing, autoverification, and order routing to specific labs based on insurance. Reports, data mining, and dashboards for analytics.
3 to 5 training sessions, offered on-site and remotely.	3 to 5 training sessions, offered on-site and remotely.	1 to 4 weeks	1 to several weeks depending on the scope of the project.
Phone, email, and web support 24/7/365 with service agreement.	Phone, email, and web support 24/7/365 with service agreement.	Phone and email support from product engineers.	Phone, email, or web portal; 24/7 support is available.
Includes many options for batch order and sample processing with flexible workflow. Hosted configurations offer low cost of entry for startup laboratories with scalability to address needs and volumes of larger facilities without sacrificing capabilities. Option to have workflow tailored to fit specific needs and scenarios.	Easy-to-use screens lower barriers to data collection and review; built-in management reports; integratable with other vendors' systems for immediate access to lab results; custom programming available.	Highly customizable and flexible system to fit any lab workflow. Built on edge computing to eliminate downtime and IT costs. Web portal for patient information and results reporting. New covid testing setup available in 48 hours.	Highly configurable, scalable, and intuitive; optimizes many types of facilities and consolidates in-house and reference lab testing results. Improves efficiencies with integration to EMR, billing, and reference labs. Manages specimen storage, inventory, workflows, and document review.

Computer Service and Support

Linwood, NJ
609-653-6444, www.csslis.com

Computer Trust Corporation

Boston, Mass
617-557-9264
www.winsurge.com

Data Innovations

Burlington, Vt
802-658-2850
www.datainnovations.com

Gistia Healthcare

Miami, Fla
866-710-1202
www.gistia.com

Avalon LIS	WinSurge	Instrument manager	Gistia Healthcare AI-Driven Predictive Intelligence
Jul-20	55.6 (Q4 2020)	Version 8.17.10, released in 2020.	1.1; 2019
NA	NA	FDA Class I and Class II device, FDA 510(k); Health Canada as a Class 2 device; CE Mark; ISO	HIPAA/HITECH; 2019
Laboratory information system	Laboratory information system	Lab enablement solutions, including connectivity, productivity, quality, and analytics solutions.	Optimizing operations, ensuring compliance, and maximizing revenue using revenue cycle data and decision support. Predicting reimbursement on tests not yet submitted for adjudication.
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		Connectivity across instrumentation, disciplines, vendors, and LIS or EHR.	
Windows, Linux	Windows, Unix	Multiple Windows platforms	Platform agnostic (Amazon Web Services)
Amazon Web Services and IBM	Caché	Caché	Database agnostic, relational SQL (Amazon Web Services)
Lab workflow automation, bidirectional instrument and EMR interfaces; database access for unlimited reporting capabilities; API interfacing; reflex and confirmation testing, SQL database	HL7 interfaces, instrument interfaces, slide/case distribution, specimen tracking and PPID, charge-capture, synoptic reporting, cancer registry reporting, report delivery, paperless workflow, lab-defined rules.	End-to-end lab enablement solutions to drive automation and efficiency, including autoverification, moving averages for quality control, integrated daily and peer QC, and proficiency test reporting.	Payment and denial predictions, anomaly detection, and notifications billing data extraction, machine learning computation.
5 days	1 to 6 months, depending on lab size and requirements and tier of product	Hours to days, as needed to meet specific user needs.	2 weeks
In-house support with personal account representative	24/7/365 phone and email support	Global customer support, online and by phone.	24/7 operations team and revenue cycle SMEs
SQL database access, customized reports, assigned account representative.	Ultimate flexibility and configurability. Comprehensive and continuously evolving LIS developed and supported by a company with over 30 years experience partnering with and specializing in AP labs and delivering outstanding service	Through innovative solutions and world-class service, Data Innovations enable enterprise management of hospital and independent laboratories. Our industry pioneering solution, Instrument Manager, enables lab efficiency and optimization across all disciplines, so they can focus on what matters most.	Payment and denial predictions, compliance monitoring, intuitive dashboards, notifications and collaboration, root cause analysis tools

Hex Laboratory Systems

Encinitas, Calif
800-729-2085
www.hexlab.com

Indigo BioAutomation

Carmel, Ind
317-493-2400
www.indigobio.com

LabVantage Solutions

Somerset, NJ
908-707-4100
www.labvantage.com

LabWare

Wilmington, Del
302-658-8444
www.labware.com

Lab/Hex LIS	Ascent	LabVantage Medical Suite	LabWare
8.2; 2016	4.0; 2020	v8.5; June 2020	7.1 September 2020
NA	Listed with FDA since 2018; exempt from premarket authorization as a class 1 exempt device.	Seeking ONC-HIT certification Certified ISO9001:2015 and ISO/IEC 27001:2013	NA
Laboratory information system: orders, results, billing, result delivery via multiple methods, archive and storage, audit trails, HIPAA compliance, EMR and instrument interfaces.	Software system that automates the processing, review, and release of clinical results from chromatography and mass spectrometry instruments, and other devices.	Laboratory information system for the medical/healthcare laboratory that includes support for multiple lab disciplines in one comprehensive solution.	Laboratory information system for clinical laboratory testing in a variety of environments
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	chromatography; mass spectrometry; LIS	Molecular genetic systems; veterinary systems; blood banking outside the United States; specimen storage.	Interoperability tools integrate with data analytics tools, research systems, ERP, and financial software.
Linux	Windows; data interaction via a web browser, Windows, MacOS or Linux.	Any operating system. LIS can be hosted on-premise or on the cloud.	Windows
Thoroughbred	MySQL	Microsoft SQLserver or Oracle	Oracle, SQL Server, PostgreSQL
Automatic medical necessity check and route to reports for follow-up; autovalidate/release option; autoreport to predefined destinations (print, fax, email, EMR, web portal).	Automated data upload after collection and results download after confirmation. Customizable quality rules automatically applied within and across the batch, including option to auto-assign rejection criteria.	Automated features include specimen processing, auto-resulting, reflex testing, QC lockouts, security lockouts, auto comment reporting, result report distribution.	Configurable rules engine provides flexibility for automation. Configurable dashboards provide visibility to key performance metrics. Scalable to support single site or high-volume multisite organizations.
5 days clinical; 5 days billing	10 to 40 hours for routine tasks.	Less than 30 days, depending on modules purchased and complexity of set up.	1 day for lab end user, 1 week for super user
24/7 via phone, email, and internet access.	24/7 online support portal	24x5 with an option for 24x7 coverage via phone, email and web. Support also includes software patches and new system updates.	Varies, from phone
Quick implementation, fast support response, reliable, flexible, stable LIS with reasonable pricing for all sizes and types of laboratories. Special tools for toxicology and molecular laboratories. Wide range of EMR and analyzer interfaces available.	Ascent is data agnostic across all major GS and LC-MS vendors, accelerating data review. Sophisticated algorithms to deconvolute noisy or overlapping peak complexity. Prior data can be queried for cross-batch quality review before results are released, reducing "review after the review" steps. Customization tools for laboratory SOP rules and LIS reports.	All-in-one laboratory information system designed for labs of all sizes to maximize efficiency, speed diagnosis, and save IT costs. One complete platform with a common user interface supporting all lab disciplines.	In recent years, hundreds of organizations all over the world have selected LabWare to be their solution. LabWare's configurable system empowers customers to quickly respond to changing business needs and technology. Inclusive user license provides access to fully integrated tools for all clinical laboratory disciplines and clinical research.

LigoLab

Glendale, Calif
(800) 544-6522
www.ligolab.com

Medical Database

Irvine, Calif
847-769-3701
www.medicaldatabase.com

Medical Database

Irvine, Calif
847-769-3701
www.medicaldatabase.com

Molecular Health

Heidelberg, Germany
978-491-8393
www.molecularhealth.com

LigoLab LIS and RCM operating platform	LDS Test Utilization Management	LDS Analytics	MH Guide
Version 2020.4.30; January 2021	VS2, October 2020	VS1, June 2019	Ver 4.3; 2021
NA	NA	NA	CE mark, CLIA certified, CAP accredited
Laboratory information system	Test utilization management	Medical necessity and billing check software	Analysis software that supports molecular pathologists and oncologists to determine treatment options based on genetic biomarkers.
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direct-to-consumer portal, client portal, patient portal			
Mac OS, Microsoft (any that support Java)	Cloud web-based platform	Cloud web-based platform	Offered as Software as a Service (SaaS)
MS SQL	Datomicis	Datomicis	SAP HANA
Automating complex processes; managing operations and finances in one platform that supports compliance and risk management; built-in artificial intelligence support for digital pathology.	Test-ordering and utilization management software that enables health-care providers to select the most relevant tests based on procedures or CPT codes, diseases, and ICD10 codes.	Medical necessity check software to help laboratories improve their billing and reimbursement. The system makes sure the right CPT and ICD code is used for each procedure.	Prefilters, annotates, and classifies genetic variants and identifies predictive, prognostic, and diagnostic biomarkers.
30 to 60 days	Self-instructive; simple and easy to use with minimum training	Self-instructive; simple and easy to use with minimum training	4-hour guided remote or onsite training; training materials for self-study.
24/7 technical support	24/7 technical support via phone and email	24/7 technical support via phone and email	24/7/365 application and technical support via SLA: email, phone (10/7/365)
End-to-end operating platform with modules for AP, CP, MDx, RCM, and direct-to-consumer, all-in-one. The RCM module is integrated with the LIS and automates ICD and CPT coding. Billing processes start at order inception with verification, eligibility, and scrubbing components that increase clean submissions.	Cloud-based platform that can be interfaced with LIMs, EMR, EHR, and any portal through our API in form of CPOE or custom test ordering and utilization system	Cloud-based platform that can be interfaced with LIMs and billing software.	MH Guide is vendor independent, assay agnostic, can be fully integrated in existing systems and processes, is highly automated, and provides very customizable reports in pdf and JSON format. Variant interpretations are in-house curated and reviewed by oncologists and molecular pathologists.

Molecular Health

Heidelberg, Germany
978-491-8393
www.molecularhealth.com

Nova Biomedical

Waltham, Mass
781-894-0800
www.novabiomedical.com

NovoPath

Princeton, NJ
732-329-3209
www.novopath.com

Omnia Software Solutions

Dublin, Ohio
800-647-2263
cannabislabssystem.com

MH Guide/Mendel	NovaNet	NovoPath Anatomic Pathology Software System	CannabLIS
Ver 4.3; 2021	4.3.14.3 SP9; November 2020	X20 December 2019	2020
CE mark, CLIA certified, CAP accredited	NA	FDA Class 1 medical device; certified as 21 CFR Part 11 compliant; ONCACB certified, 2011–2012; ONC certified HIT, 2014.	
Analysis software that supports human geneticists with diagnosis of hereditary diseases or disease predispositions.	Used to set up, configure, and monitor the technical status of specific point-of-care devices manufactured by Nova Biomedical.	Laboratory information management system	Cannabis laboratory information system
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	Blood gas analyzers, glucose meters, and other point-of-care meters	Interfaces to any third-party information system.	CannabLIS can integrate to point-of-sale and regulatory systems
Offered as Software as a Service (SaaS)	Microsoft Server 2016 or 2019.	Microsoft Windows, Web browser	Any
SAP HANA	Integrated, proprietary build of Sybase SQLAnywhere.	Microsoft SQL, Oracle	mySQL
Prefilters, annotates, and classifies genetic variants. Potentially disease-causing variants are automatically provided in a customizable draft report.	Bidirectional interfacing capability to all major laboratory information system and middleware providers, allowing for automatic upload of results and download of test orders and patient demographics.	Automates the entire testing process: specimen ordering and routing; patient, insurance, and physician data entry; specimen grossing, diagnosis, and synoptic data entry; case auditing; report delivery; specimen tracking and lean process mapping.	Batch accessioning, batch releases, interfaces, faxing, emails, workflow automation.
4-hour guided remote or onsite training; training materials for self-study.	1 to 2 hours	Dependent on functional requirements of the lab and the number of people to be trained"	15 to 20 hours
24/7/365 application and technical support via SLA: email, phone (10/7/365).	24/7/365 phone support within the United States; local dealers outside the United States.	Varies from 8 hours per day to 24/7/365, via phone, email, and website.	Phone, email, and chat
Vendor independent, assay agnostic; can be fully integrated in existing systems and processes, is highly automated, and provides very customizable reports in pdf and JSON format. Variant classifications, phenotype relations and variant interpretations can be automatically generated and easily refined by users.	A proven, secure, and easy-to-use software tool that provides connectivity for as many as 100 device types from multiple vendors through partnerships with leading middleware vendors. Provides bidirectional communication with Prime and Prime Plus critical care analyzers, and StatStrip and StatSensor meters.	Built-in dictation and voice recognition; optical character recognition; pathology staff scheduler; web portal applications; automatic report download to client's iOS or Android systems. Customizable modules for cytogenetics, flow cytometry, merit-based incentive payment system, and molecular diagnostics.	Robust and scalable cloud-based cannabis lab testing software designed and developed for cannabis labs of any size. CannabLIS allows labs to choose from multiple report formats with graphical content. The reports include the panels ordered, metabolites screened, cut-off values, initial screening results, confirmatory results, and more.

Omnia Software Solutions

Dublin, Ohio
800-647-2263
omniaimps.com

Orchard Software

Carmel, Ind
800-856-1948
www.orchardsoft.com

Orchard Software

Carmel, Ind
800-856-1948
www.orchardsoft.com

Ovation

Cambridge, Mass
617-795-4947
www.ovation.io

Omnia	Orchard Point-of-Care	Orchard Enterprise LIS	Ovation Diagnostics (OvDx)
2020	v8; January 2021	LIS v8; January 2021	38.1; January 2021
NA	NA	NA	HITRUST CSF, HIPAA, ISO 27001, ISO 27017, ISO 27018, SOC 1/SSAE 16/ISAE 3402, SOC 2, SOC 3
Clinical laboratory information management system	POCT management and integration software	Laboratory information system	Laboratory diagnostics, including revenue cycle management, reporting and data analytics
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State regulatory systems	Interfaces to any third-party information system.	Interfaces to any third-party information system.	
Any	Windows	Windows	Linux/Cloud
Postgress	Microsoft SQL	Microsoft SQL	MS SQL
Batch accessioning, batch releases, interfaces, faxing, emails, workflow automation.	Provides the ability to remotely interface POCT devices. System administrators can easily manage POCT testing menus, QC, and personnel certification.	Designed with maximum flexibility and configurability to support unique workflows across various laboratory scenarios. Can assist with requirements from interfacing to automation lines to point-of-care testing.	Automates a lab's computer system validation each time a new iteration of the software is released. Labs with online ordering capabilities can take advantage of automated accessioning of samples.
15 to 20 hours	1-week, classroom-based course	1-week, classroom-based course	1 week, Zoom training. Other resources available.
Phone, email, and chat	Phone, email, web support 24/7/365.	Phone, email, web support 24/7/365.	Ticket support system up to 24/7 support; Zoom training sessions; self-service via videos and articles.
This real-time LIMS is a trusted solution for anatomic pathology, toxicology, molecular, chemistry, hematology, cancer genetic testing, pharmacogenomics, billing. The software is fully integrated for all operational needs.	An advanced POCT management and integration software solution that provides remote administration of all POCT activities across multiple locations, including device and operator competency assessment tracking. It transmits POCT results to the LIS and EHR, reducing manual entry errors and automating POCT billing.	An enterprise-class laboratory information system that incorporates advanced tools and decision support to measure performance, improve productivity, and generate valuable business analytics. We designed our enterprise LIS to support high-volume, complex laboratories.	Installations from as little as 1 week to around 50 days from signing-on to go-live; automated systems validation is performed at no charge; data services pull from multiple sources for the best clinically available genetic data.

Paige	Sapio Sciences	SCC Soft Computer	StaffReady Software
New York 646-849-5088 www.paige.ai	Baltimore 410-800-4620 www.sapiosciences.com	Clearwater, Fla 727-789-0100 www.softcomputer.com	Spokane, Wash 877-229-5230 www.staffready.com

FullFocus	Exemplar Seamless LIMS	SoftLab LIS Suite	StaffReady
	2007; current v. December 2020.	Current release 4.5.7.x (Nov 2020)	9.3.1, 2012, updated weekly
FDA clearance, 2020; CE Mark, 2019	FDA Part 11, GLP, CLIA and CAP compliant.	FDA 510(k) Class I, Class II (blood banking), 2015 Edition ONC HIT, MDSAP / ISO 13485:2016	NA
Software for viewing and managing digital images of scanned surgical pathology slides prepared from formalin-fixed paraffin embedded tissue. Helps pathologist review, interpret, manage digital images for primary diagnosis.	Managing the complete clinical pipeline including healthcare relationship management, clinical order management, lab management, and patient reporting.	Laboratory automation	Staff scheduling, competency assessment, and document control
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		Genomics variant databases (curated, discrete), flow cytometry instruments	
Cloud-based	OS agnostic, Java on backend and web-based on client	Linux, AIX	Linux
Cloud-based	MySQL or Oracle	Oracle	Cloud-based, proprietary
Web-based software-only medical device that displays digitized pathology slides; intended to be used for viewing, management, and interpretation of the images in performing primary diagnoses.	Automated instrument integrated with file capture and ETL.	Fully automated system including autoverification, workstation redirection, rules engine, workflow engine, specimen tracking, billing rules, storage and retrieval automation, blood bank unit dispensing.	Automated schedule building for most situations. Automated competency assessment rollouts for initial, 6-month, and annual assessments. Automated exam scoring and remediation when selected.
1 hour	1 day	1-week (basic) to several weeks (advanced, multi-module)	4 to 6 weeks, depending on number of modules implemented.
Level 1 support at support@paige.ai. Live support is available 8:00 AM to 6:00 PM US EST.	7x24 available	24/7/365 support with service level agreement for emergency, priority, and standard requests.	Phone Monday to Friday 6:00 to 17:00 PST
Highly performant to enable seamless navigation of the large whole slide images and has been designed with pathologists so that the experience is unique and consumer grade. FullFocus is the only FDA-cleared cloud native viewer with optimized performance for remote and on-premises deployments.	The only complete clinical lab operational system targeted at clinical lab service providers. Includes CRM, clinical order management, physician portal with self registration, and the leading lab management solution and patient reporting.	Next-generation LIS platform with fully integrated LIS/pathology/blood-bank/genetics modules. Seamless specimen management and chain-of-custody, including multisite and multi-time-zone entities. Embedded protocol (workflow) designer with rules engine (RBS) for optimized workflows and enforcement of protocols.	On-line leave requests/approvals. Cloud-based; staff can access from home or mobile device. Modules can be integrated with one another to enable additional functionality. Full implementation included; phone support at no cost. Ideal for hospital-wide application.

Sunquest Information Systems

Tucson, Ariz
520-570-2000
www.sunquestinfo.com

Technidata

Montbonnot, France
514-240-3464
www.technidata-web.com

Visiun

Ann Arbor, Mich
877-226-6356
www.visiun.com

Xifin

San Diego, Calif
858-436-9533
www.xifin.com

Sunquest Laboratory	Livextens suite	Performance Insight	Xifin LIS
Version 10, 2020	V1.52. Release in October 2020	Version 16, 2020	Version 7 (2020)
ONC HIT Certification, 2015, FDA 510(K)	ISO 13485 and ISO 9001 certified.	N/A	SOC1, SOC2, CAP, CLIA
Automates and drives the workflow of the clinical lab; streamlines lab processes to decrease specimen handling time, increase productivity and improve turn-around time.	Data processing module for clinical use; improves the quality of patient care and the performance and profitability of lab organizations.	Provides laboratory managers with a comprehensive suite of analytics that deliver immediate improvements in performance, efficiency, and quality.	Anatomic pathology, clinical pathology, toxicology, molecular diagnostics, next generation sequencing, clinical trials
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Interfaces with multiple systems	The Livextens suite also includes biobanking and genetics modules.	Extracts provided for all major LIS, no HL7 interface required	
MS Windows 2019; IBM AIX 7.1 or RHEL 7	Windows and Linux/Unix	Windows	Xifin LIS 7 is a cloud-based system accessed via standard web browsers
Intersystems Cache 2018.1, MS Windows Server 2019	SQL or Oracle	Microsoft SQL Server	SQL
Specimen management routing and tracking module; clinical validation module; integration with Sunquest Collect integration and Sunquest Blood Bank with Electronic Crossmatch	Expert rules engine at all workflow steps, including clinical review; integration with lab automation systems for biochemistry or microbiology; push information systems (counters, dashboard, SMS/email alerts).	Automatic data import, report scheduling, report exceptions, automatic email distribution of analytic reports	Integration with a lab's medical devices allows for automated integration of results. System can be configured to auto-release normal results. Batch processing allows for a streamlined workflow.
Flexible training to fit the clients' needs, including on-site training, classroom training, and online.	Dependent on site configuration.	Half a day on-site training followed by web training as necessary	2 to 3 days
Cases may be logged 24-7 by calling a support hotline, using an online portal, or via Live Chat	Training, 24/7 technical support, onsite professional services and consulting	Dedicated support by medical technologists with years of lab experience.	Phone support Monday to Friday 6:00 to 7:00 PST; online support 24/7
Multilab location support; clinical validation module uses highly configurable rules to queue tests requiring further review automatically; blood bank emergency release function, full integration to remote blood dispensing devices.	Provides laboratories and biorepositories with software management solutions that adjust to the specific needs of all disciplines (anatomic pathology, biobanking, biology, genetics, microbiology).	Local install so data never leaves the hospital and is not web-hosted. Users can run reports as needed to make operational, performance, utilization, and quality decisions in the lab without having to rely on IT. Analytics cover key areas in the lab including general, blood bank, and AP.	Xifin LIS is a cost-effective web-based SaaS platform. No major hardware or software purchases or upgrade fees. Products include: LIS/LIMS, revenue cycle management, and consult/collaboration. Tailored modules and logic driven reports.