

# tech. guide

Supplemental Laboratory Information Systems, Operational Middleware

**AP-Visions LLC**  
St George, UT  
714-267-6844  
www.a--visions.com

**AP-Visions LLC**  
St George, UT  
714-267-6844  
www.a--visions.com

**AP-Visions LLC**  
St George, UT  
714-267-6844  
www.a--visions.com

1. What is the brand name of your company's laboratory information system (LIS), or operational middleware?
2. What is the latest version of your named LIS or middleware; what year was this version first released to market?
3. Specify the authorizing agency, type, and year of the product's regulatory authorizations or certified compliance with voluntary standards.
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?
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 or options that pertain to the product.
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 on the market?

xLab	xEmrPlus	Web Portal
Version 20; 2012	Version 2.0; 2016	Version 1.1; 2018
Complete laboratory information system	Middleware; receive orders and send results to EMR/EHR system with on-line instruments.	Web-based orders and results.
<ul style="list-style-type: none"> <li>■ electronic medical records</li> <li>■ microbiology instruments</li> <li>■ point-of-care instruments</li> <li>■ reference lab systems</li> </ul>	<ul style="list-style-type: none"> <li>■ electronic medical records</li> <li>■ point-of-care instruments</li> <li>■ other"</li> </ul>	
Windows 10/11	Windows 10/11	Windows / Linux
MySql	SQLite	MySql
Automatic transmission of reports to: EMR/EHR, Printers, faxes,e-mail, patient portal, web portal, charges.	Automatic transmission of reports to EMR/EHR	Automatic integration with xLab
3 days up depending on the size of the lab and number of remote soted	4 hrs	4 hrs
Phone support	Phone support	Phone support
Industry unique product deployment. Same person who installs, configures, and trains the customer also supports the customer. Unlimited remote facilities. PDF and MS Word sample attachments. Web portal, patient portal, consumer portal.	AP-Visions LLC performs configurations, both numeric and alpha results supported; age/gender reference ranges, including pediatric ranges; automatic result matching for inbound orders.	Client specific test order pick list, stat and routine requests, standing orders, future draws.

**AP-Visions LLC**  
 St George, UT  
 714-267-6844  
 www.a--visions.com

**Clinical Software Solutions**  
 Queen Creek, AZ  
 800-570-0474  
 clin1mobile.net

**Comp Pro Med**  
 Santa Rosa, CA  
 707-578-0239  
 www.comppromed.com/  
 contact-us/

**EUROIMMUN**  
 Mountain Lakes, NJ  
 1-800-913-2022  
 https://www.euroimmun.us

Consumer Portal	CLIN1	Polytech LIS	EUROIMMUN
Version 1; 2023	12.5 January 2023	8.6.6; First version was released in 1983	EUROLabOffice 4.0 Released 2019 (US)
		N/A	EUROLabOffice 4.0 is registered as a Class 1 exempt product with the FDA and a Class 2 product with Health Canada.
Web-based consumer portal for test ordering, collection scheduling, payment, and test results review	LIS	Comprehensive LIS system designed to be a customizable solution for a clinical laboratory to store data and output reports.	Laboratory management middle-ware that improves efficiency and security within the laboratory by organizing procedures and providing traceable documentation of all data and processes.
	<ul style="list-style-type: none"> <li>■ bedside or handheld ID systems</li> <li>■ central data repositories</li> <li>■ electronic medical records/hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ microbiology instruments</li> <li>■ molecular diagnostic instruments</li> <li>■ pharmacy systems</li> <li>■ point-of-care instruments</li> <li>■ practice management and billing systems</li> <li>■ public health surveillance systems</li> <li>■ reference lab systems</li> </ul>	<ul style="list-style-type: none"> <li>■ anatomic and digital pathology systems</li> <li>■ bedside or handheld ID systems</li> <li>■ blood banking</li> <li>■ central data repositories</li> <li>■ cytology systems</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ microbiology instruments</li> <li>■ molecular diagnostic instruments</li> <li>■ pharmacy systems</li> <li>■ point-of-care instruments</li> <li>■ practice management and billing systems</li> <li>■ public health surveillance systems</li> <li>■ reference lab systems</li> <li>■ other*</li> </ul>	<ul style="list-style-type: none"> <li>■ central data repositories</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ reference lab systems</li> </ul>
		Interface with any HL7 compliant system.	
Windows / Linux	Windows and cloud based	Microsoft Windows or cloud based	Windows operating systems 7, 8, or 10 Pro; 64 Bit
MySql	MSSQL	Pervasive SQL	DBMS PostgreSQL, version 12
	Automated faxing of reports, patient notifications, email/phone number verification	Data can be automatically sent to or from workstations. A Robust Rules system helps examine data and automatically performs checks to ensure that data is accurate and outliers are caught.	EUROLabOffice automatically saves test result details, patient details, and other protected health information and securely communicates with the LIS.
	Site configuration dependent	1 to 2 hours	1 to 2 weeks, including programming and user training
	8 to 5 support via phone, email, online video training resources and 24/7 emergency TS.	Human technical support.	Phone, email, remote/virtual support, and onsite field support available 9 am-5 pm local time.
Integrates with any LIS supporting HL7, Unlimited number of collection sites, Automatic integration with AP-Visions xLab, brandable,	Options for both on-site and hosted solutions. Very low cost of entry. Easily scalable. Flexible terms and extensive customizations available.	PGx Reporting, custom reporting included with base system, patient web portal, edge computing or cloud-based (No on-site servers or IT required), responsive support, Rapid installation—average 2 weeks before you see first iteration of your system.	EUROLabOffice (ELO) is flexible and configurable to existing lab processes and will grow with your lab. ELO saves time while improving the quality of laboratory data and protocol management with comprehensive quality assurance.

**4medica, Inc.**  
Marina Del Rey, CA  
424-289-2500  
www.4medica.com

**Gestalt Diagnostics**  
Spokane, WA  
509-492-4912  
www.gestaltiagnostics.com

**Gistia Healthcare**  
Miami, FL  
877-326-1761  
www.gistia.com

1. What is the brand name of your company's laboratory information system (LIS), or operational middleware?	4medica Health Data Quality Exchange for Labs	PathFlow	Gistia Revenue Cycle Analytics
2. What is the latest version of your named LIS or middleware; what year was this version first released to market?	Version 23.1, 2000	Latest Version -PathFlow V 5.0 released in 2022; First Released PathFlow V1 2019	1.8.1; 2022
3. Specify the authorizing agency, type, and year of the product's regulatory authorizations or certified compliance with voluntary standards.	HITRUST, 2022	CE-IVD Mark 2022	HIPAA Compliant
4. What is the intended use or primary function of the product?	Cloud-based middleware and health data quality management platform that enhances electronic data exchange of clinical, pathology, imaging orders, and results; provides patient record verification and orders verification.	Primary diagnosis*, remote consultations, tumor boards, peer-to-peer, onboarding, credential management, research, and education	Connects to any billing system to generate analytics with actionable insights allowing diagnostic providers to increase revenue, reduce costs, and improve patient care.
5. With which of the following systems or instruments is your system able to interface?	<ul style="list-style-type: none"> <li>■ central data repositories</li> <li>■ laboratory automation systems</li> <li>■ reference lab systems</li> </ul>	<ul style="list-style-type: none"> <li>■ central data repositories</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ microbiology instruments</li> <li>■ molecular diagnostic instruments</li> <li>■ practice management and billing systems</li> </ul>	<ul style="list-style-type: none"> <li>■ anatomic and digital pathology systems</li> <li>■ central data repositories</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ practice management and billing systems</li> <li>■ reference lab systems</li> <li>■ other"</li> </ul>
6. If you answered "other," explain briefly.			CRM
7. On what operating system is your LIS or middleware based?	Cloud based, non-OS dependent	Cloud based - windows	OS agnostic, cloud-based architecture
8. What database system does your LIS or middleware use?	Google Cloud platform		DB agnostic, cloud-based Architecture (PostGres)
9. Briefly describe any automated features or options that pertain to the product.	Interfacing capabilities for automatic results to/from major LIS and EMR/ EHR systems.	The universal viewer, workflow and image management functions of PathFlow allows for tight integration with scanners, LIS, LIMS, EMR, EHR, Artificial Intelligence, etc.	Actionable insights detection pertaining to revenue opportunities, payment and denial predictions specifically related to: probability, amount, and timing, anomaly detection assisting with compliance issues, and macro level revenue forecast.
10. What is the typical training time for the product?	1 to 2 hours of training for web-based orders and results portal application	2 to 3.5 Days	2 weeks
11. What types of technical support are available?	24/7 support via phone, email, self-service portal; live chat during normal business hours	5x9, 5x12, 24x7 support levels	7-day, 12-hour response time and revenue cycle SMEs (normal business hours).
12. What capabilities, features, or accessories distinguish this product from others on the market?	Allows for easy client customization and is highly scalable. Encompasses all aspects of the test ordering process, including verification of patient demographics and clinical order accuracy using a powerful integrated MPI-match process to ensure fast order processing, billing accuracy and improved collections.	PathFlow is an intelligent, configurable, and vendor-agnostic digital pathology workflow with fully-integrated custom artificial intelligence solutions, AI image analysis, and machine learning.	The supporting services related to revenue analytics utilize advanced machine learning algorithms. These are completely configurable based on the client's data and their needs. The information is then displayed in an actionable format via: alerts, dashboards, and detailed worklist.

\* Research Use Only (RUO) unless following CAP guidelines for LDT in primary diagnosis in the US or for use in Europe we are CE-IVD certified. Fully integrated modules for Education and Research with full anonymization and real-time collaboration.

**GoMeyra**  
Las Vegas, NV  
Jaswant S. Tony, Founder & CEO  
702-846-3962; www.gomeyra.com

**Medical Database, Inc**  
Irvine, CA  
949-208-0521  
www.medicaldatabase.com

**Omnitech Innovations Inc.**  
Sainte-Julie, QC, Canada  
450-338-3406  
www.omni-assistant.net

**Seacoast Laboratory Data Systems, Inc.**  
Dover, NH  
603-431-4114  
www.sldsi.com

GoMeyra LIMS	LDS (Laboratory Decision System)	Omni-Assistant Software. Quality, Compliance & Risk Management	SurroundLab Plus
Version 2.0, released January 2023	vs 5, 2019	Omni-Assistant v12.x.x ; 2021	Latest Version: 2023, First Version: 2000
HIPAA-certified	N/A	Data centers and security operation center are ISO 27001 certified.	N/A
All-in-one, fully customizable cloud-based LIMS that enables labs to efficiently process and manage diagnostic tests and deliver results to other labs as well as medical providers at POC.	LDS is a test ordering and utilization management software that allows healthcare providers to select and order the most appropriate laboratory tests using evidence and knowledge-based guidelines as well as industry best practices.	Lab and healthcare focused QMS that automates compliance to 120+ different standards, including CLIA, CAP, and more complex ISO types like ISO 15189 and ISO 17025.	Laboratory information system
<ul style="list-style-type: none"> <li>■ anatomic and digital pathology systems</li> <li>■ bedside or handheld ID systems</li> <li>■ blood banking</li> <li>■ central data repositories</li> <li>■ cytology systems</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ microbiology instruments</li> <li>■ molecular diagnostic instruments</li> <li>■ pharmacy systems</li> <li>■ point-of-care instruments</li> <li>■ practice management and billing systems</li> <li>■ public health surveillance systems</li> <li>■ reference lab systems</li> </ul>	<ul style="list-style-type: none"> <li>■ hospital information systems</li> <li>■ practice management and billing systems</li> </ul>	<ul style="list-style-type: none"> <li>■ laboratory automation systems</li> <li>■ other"</li> </ul>	<ul style="list-style-type: none"> <li>■ anatomic and digital pathology systems</li> <li>■ bedside or handheld ID systems</li> <li>■ central data repositories</li> <li>■ cytology systems</li> <li>■ electronic medical records</li> <li>■ hospital information systems</li> <li>■ laboratory automation systems</li> <li>■ microbiology instruments</li> <li>■ molecular diagnostic instruments</li> <li>■ point-of-care instruments</li> <li>■ practice management and billing systems</li> <li>■ public health surveillance systems</li> <li>■ reference lab systems</li> </ul>
		Lab quality, compliance & risk management	
Windows, Linux	SaaS, API, HL7	SaaS solution (only a web browser is required).	Linux, Windows, or web based
MS SQL	MySQL, Postgres SQL, DynamoDB,	SaaS solution (only a web browser is required).	Cache, GT.M
Generates unique barcodes for real-time specimen tracking through accessioning, sample analysis, report generation, and archiving. Provides fast turnaround with automated results reporting to health care providers and their patients.	When integrated with LIS or EMR, the system serves as computerized provider order entry (CPOE) that serves as test utilization management.	Workflow & process automation.	Automated duplicate test logic, test routing by location and payer, auto-release options, auto report scheduler, automated report delivery system, ability to interface with all instrument types and with 3rd party software applications.
30 minutes to 3 hours, depending on configuration complexity	Very minimal, hours.	Dependent on scope	1 week course for super user
Customer service for technical support and other needs is available 24X7 by email, text, or phone	24 hours technical and customer support	24/7 availability support	24/7/365 US-based phone and email support
Enables individual medical providers to access multiple diagnostic labs nationwide through a single user interface. Provider offices don't need a separate system interface to communicate with each lab—the offices are seamlessly connected to GoMeyra's private network of participating labs across the U.S.	Since it serves as medical necessity validation platform it can be used by payers for insurance claims and prior authorization verification as every ordered test will be checked for accurate CPT codes, ICD10 codes and LCD/NCE or adapted to any insurance policy.	Open license/unlimited number of users. All-in-one modern QMS that offers 15 fully integrated modules; including document control, equipment qualification, nonconformance management, risk management, staff competency and qualification management, inventory management, inspections and audits management.	Commercial lab centric & multi-site capable, fully customizable software, web based client reporting and ordering application, add on modules available for standing orders, toxicology.