prolis

THE PROFESSIONAL LABORATORY INFORMATION SYSTEM

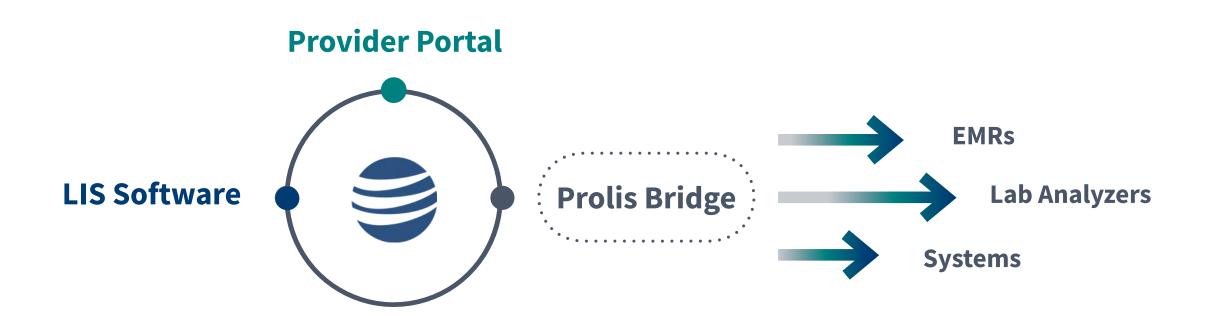# AMERICAN SOFT SOLUTIONS CORP.

American Soft Solutions Corp. has been researching, developing, and manufacturing the PROLIS Laboratory Information System (LIS) since 2009. As a dedicated LIS provider, the company leverages proprietary technology to deliver highly reliable and scalable solutions that meet the evolving needs of modern laboratories.

prolis Technology

More than software – a complete lab ecosystem.

Prolis delivers a full LIS environment that combines our core LIS software with the Prolis Bridge integration hub to create a connected system designed to manage testing from order to billing. It links your lab to EMRs, lab analyzers, and provider portals – delivering speed, accuracy and control in one platform.

prolis Technology

LIS Software

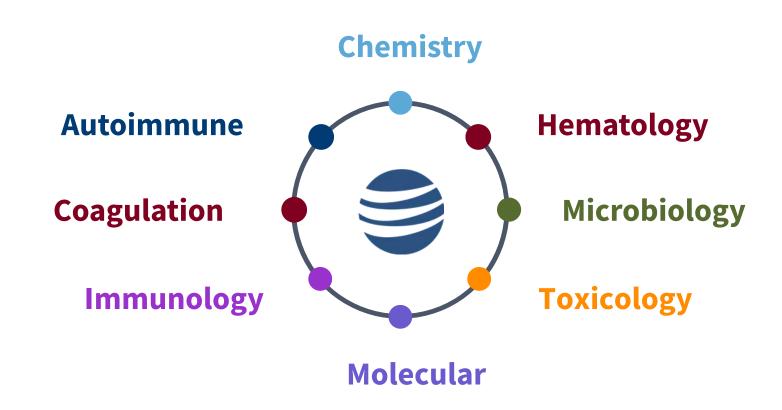Highly Configurable

Order Management

Resulting Workflow

Reporting Engine

QC Management

Revenue Cycle

Prolis Bridge

Integration Hub

Analyzer Interfacing

EMR Integration

Clearing House

RCM Integration

State Reporting

Provider Portal

Web Orders

View Results

Provider Communication

Branded Experience

Patient Portal

Secure Access

Email Notifications

Download Results

Patient Engagement

Prolis configures tests at the analyte level, not the module level, supporting every clinical specialty without fragmented systems.

Chemistry

Autoimmune

Hematology

Coagulation

Microbiology

Immunology

Toxicology

Molecular

prolis Testing

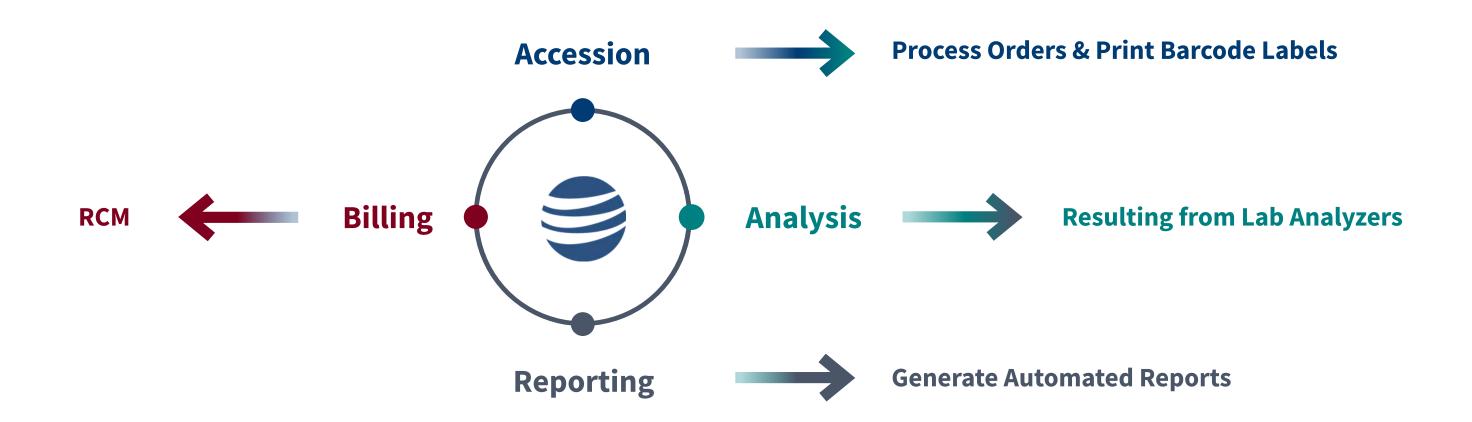| Chemistry	Hematology	Microbiology	Toxicology	Molecular	Specialty
BMP	CBC w Diff	Blood Culture	Drug Screen	COVID-19 PCR	Immunology/Serology
CMP	Hemoglobin A1c	Urine Culture	Confirmatory Testing	Influenza A/B PCR	Coagulation
Electrolyte Panel	Reticulocyte	Throat Culture	Opiates	HPV DNA Test	Autoimmune
LFTs	Platelet	Stool Culture	Amphetamines	BRCA1/BRCA2	Allergy
Renal Panel	ESR	AFB Smear	Barbiturates	Carrier Screening	Heavy Metals
Lipid Panel	WBC	Wound Culture	Benzodiazepines	Pharmacogenetic	Research Use
Glucose	Hematocrit	MRSA Screen	Methadone	NGS Panels	and more...

Core features

Prolis manages the full laboratory lifecycle with core features built for every phase.
Accession handles pre-analytical workflows with order processing and barcode labeling. Analysis connects to lab analyzers for streamlined results. Reporting delivers accurate, compliant results, while Billing automates revenue capture, all in one system.

Accession → **Process Orders & Print Barcode Labels**

Analysis → **Resulting from Lab Analyzers**

Reporting → **Generate Automated Reports**

RCM ← **Billing**

Core features

	Accession	Analysis	Reporting	Billing

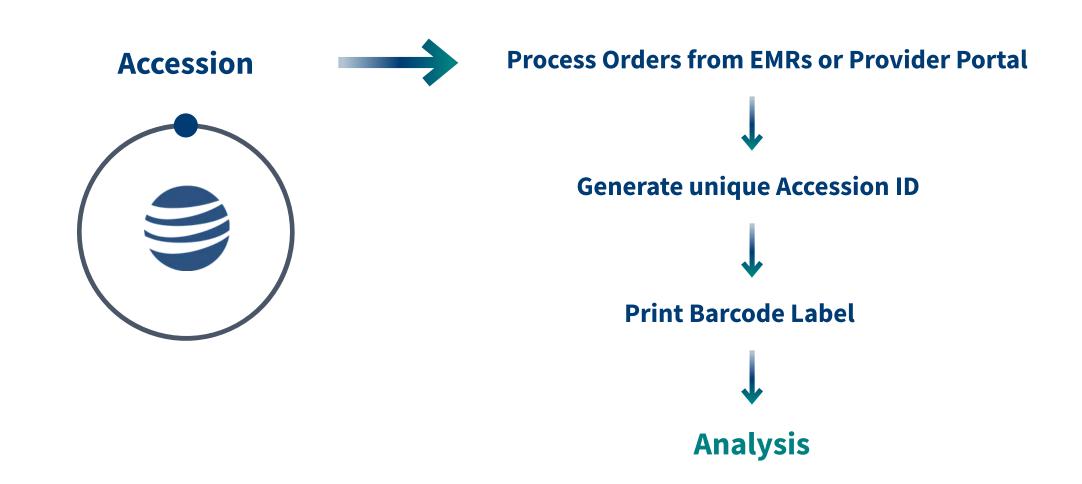| Accession	Analysis	Reporting	Billing
Order Intake	Result Upload	Clinical Reports	Claims Generation
Barcode Labels	Manual Entry	QC Reports	Eligibility Checks
Standing Orders	Result Verification	Operational Metrics	Denial Management
Department Routing	Auto Upload	TAT Monitoring	Payment Posting
Accession Dashboard	QC Management	Audit Trails	AR Tracking
Order Validation	Result Release	Billing Reports	ERA Processing

Accession

It Starts with the Order.

Orders flow in from EMRs and the Provider Portal, eliminating manual entry and errors. Each order is assigned a unique accession ID and linked to the patient and specimen. Prolis generates barcode labels for precise identification and tracking. Once accessioned, the specimen is securely stored and ready for analysis.
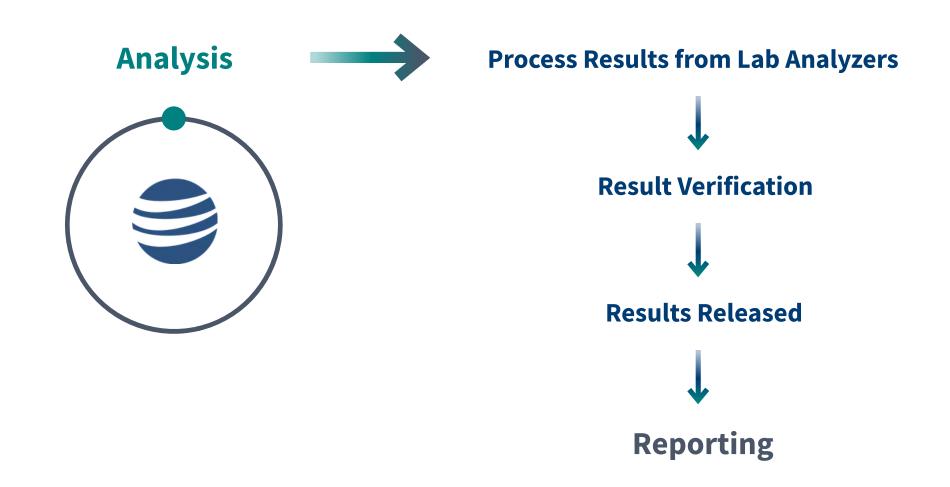
Accession

Process Orders from EMRs or Provider Portal

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Generate unique Accession ID

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Print Barcode Label

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Analysis

Analysis

Analysis begins where accessioning ends.

Once specimens are accessioned, Prolis communicates with lab analyzers via the Prolis Bridge. Results are captured automatically, verified against configured rules, and checked for quality with built-in delta checks and QC management. Prolis ensures that every result is validated before release, maintaining precision at every step.
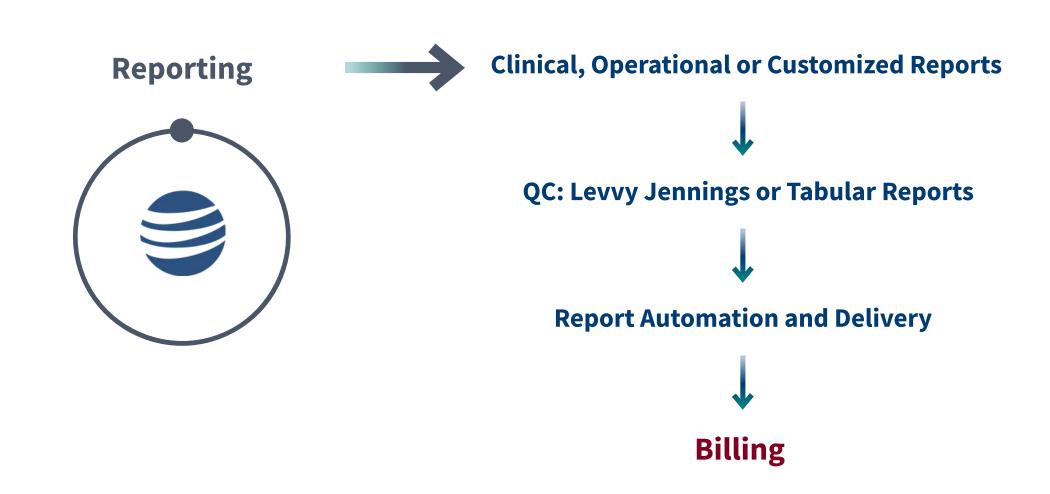
Analysis ➜

Process Results from Lab Analyzers

⬇

Result Verification

⬇

Results Released

⬇

Reporting

Reporting

Verified results move seamlessly to reporting.

Prolis compiles results into customizable, audit-ready reports – clinical, operational, and QC reports. Reports are automatically formatted to client specifications and securely delivered via integrated EMRs or the Provider Portal. With built-in automation reporting is fast, accurate, and effortless.
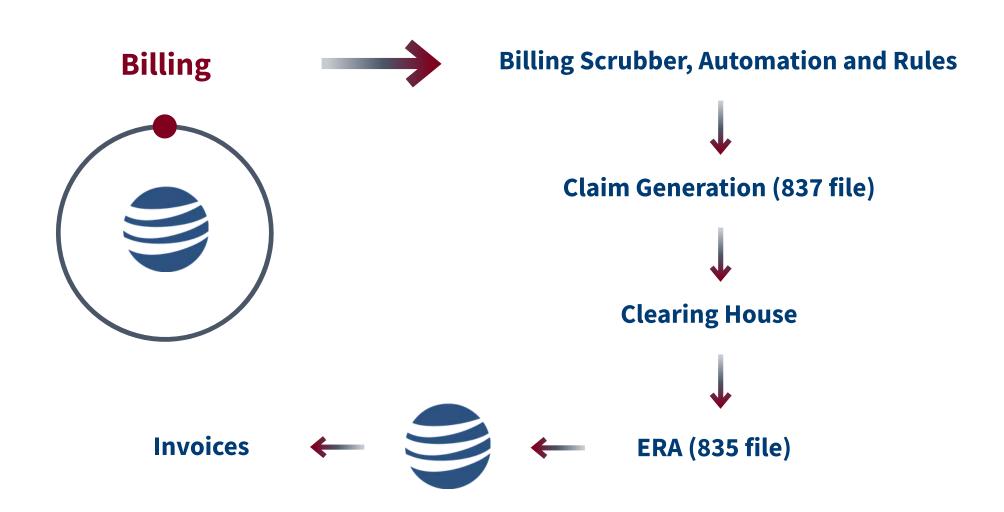
Reporting → **Clinical, Operational or Customized Reports**

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QC: Levvy Jennings or Tabular Reports

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Report Automation and Delivery

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Billing

Prolis completes the cycle – from testing to billing.

With lab billing fully integrated, Prolis manages the entire revenue cycle within the same system. After testing is complete, the billing workflow begins – with built-in tools like the Billing Scrubber to prepare data for clean claims, 837 claim generation, ERA (835) processing for remittance, and invoice creation and delivery. Everything you need for accurate, efficient billing – all in one place.

Billing → **Billing Scrubber, Automation and Rules**

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Claim Generation (837 file)

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Clearing House

↓

Invoices ← ← **ERA (835 file)**

prolis **Configurations**

Laboratory	Test	Equipment	Client	Patient	Billing
User Access	Analyte Setup	Instrument Mapping	Provider Setup	Patient Profiles	Payer Management
Order Management	Panel Configuration	Result Setup	Client Preferences	Patient Management	Coding Rules
QC Configuration	Specimen Types	Auto-Upload Settings	Pricing & Rules	Patient Portal	Eligibility Integration
Result Analysis	Reflex/Repeat Rules	QC Integration	Provider Portal		Invoice & Claims
Resulting Rules					
Reports Setup					
Notifications & Alerts					

Full features

Client Service	Accession	Analysis	Reporting	Billing	Dictionary
Result Lookup	EMR Orders	Manual Entry	Clinical Reports	Billing Dashboard	System Configuration
Panic Management	In-lab Orders	Auto Upload	Operational Reports	Billing Scrubber	User Management
Provider Communication	Barcode Printing	Analyzer Interface	AR Reports	Eligibility Checks	Test Setup
Order Assistance	Accession Queue	Result Verification	Audit Trails	Claims Generation	Client Setup
Client Support	Remote Accession	Result Release	Levy Jennings	Claims Editor	Equipment Setup
Courier Routing	Auto Accession	Delta Checks	TAT Reports	AR Inquiry	Payer Management
Print Requisitions	Accession Dashboard	QC Management	Reporting Dashboard	ERA Processing	Report Configuration

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CLIA Categorization

This system is intended for use in diagnostic laboratory testing facilities. Facilities performing laboratory testing on human specimens for health assessment or the diagnosis, prevention, or treatment of disease must possess a valid Clinical Laboratory Improvement Amendments (CLIA) certificate appropriate for the complexity of tests conducted.

The information presented in this brochure pertains to diagnostic laboratories within the United States market. Product features and availability may vary by country. For more information, please contact: info@prolisphere.com

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