

ORDER

Client Name ("Client"):	County of Humboldt	Site Code: COU
Bill to Address:	County of Humboldt Attention: Public Health Fiscal 507 F Street Eureka, California 95501 Email: PHFiscal@co.humboldt.ca.us	
Ship to Address:	Same as above	

This Order, including its attachments ("**Order**") is entered into by and between Clinisys, Inc. and Client and is effective as of the date of the final signature hereto ("**Order Effective Date**"). Client agrees to purchase the goods and services listed herein subject only to the terms and conditions of the Agreement dated as of even date herewith, which terms are hereby incorporated by reference, and this Order, including its Recitals (collectively, the "**Agreement**"). In consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, the Parties for themselves and their respective permitted successors and assigns, agree to such terms.

COUNTY OF HUMBOLDT

By: _____
(Authorized Signature)

Printed Name: _____

Title: _____

Date: _____

Signed by:
CLINISYS, INC.
By: Anne Rounds
5D44D77AF831471...
(Authorized Signature)

Printed Name: Anne Rounds

Title: Director of Contracts

Date: 02 July 2026 | 07:28 MST



SCHEDULE A
PRODUCTS, SERVICES AND FEES
Price Quotation #: 229305
Date Prepared: 18 December 2025
Price Effective Through: 2 March 2026

Products and Fees
Apollo to CLS Migration

DESCRIPTION	QTY	ONE-TIME FEE
Clinisys iMentor ESSENTIAL Single Product Subscription for CLS - 5 Named Users <i>Includes four (4) Named User accounts and one (1) Administrator account Access to all Self-paced CLS courses and Learning Plans Access to all Self-Directed Online CLS Classes (SOC) offered by Clinisys University Client Training</i>	1	\$0.00
Clinisys ApolloLIMS Migration to Clinisys Laboratory Solution LIMS <i>As specifically described in the attached Statement of Work</i>	1	\$85,000.00
Clinisys Laboratory Solution Technology Fee <i>Infrastructure setup costs</i>	1	\$10,000.00
Total Clinisys Services		\$95,000.00
TOTAL FEES		\$95,000.00

Note: Total prices are exclusive of all applicable state and local taxes

[END OF SCHEDULE A – PRODUCTS, SERVICES, & FEES]



SCHEDULE B
STATEMENT OF WORK

Clinisys Laboratory Solution

Statement of Work

Document information:

Prepared for: County of Humboldt

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Date: 1/23/2026

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Contents

1 Overview / Purpose 1

2 Deliverables..... 1

2.1 Clinisys Software-as-a-Service 1

2.2 Test Menu 1

2.3 Custom Action Triggers..... 3

2.4 Instrument Integrations 3

2.5 Application Interfaces..... 3

2.6 Reports and Dashboards 4

2.6.1 Result Report(s)..... 4

2.6.2 Analytics & Reporting..... 4

2.7 Historical Legacy Data Migration 5

2.8 Services 5

2.8.1 Description of Standard Project Professional Services..... 5

2.9 Training & Onsite Visits..... 6

2.10 Out of Scope 6

2.11 Change Management Process..... 8

3 Foundational Project Milestones 9

4 Client Resources 9

5 Primary Assumptions 10

6 VPN Requirements 11

Appendix A..... 12



1 Overview / Purpose

The purpose of this Statement of Work (SOW) is to outline high-level product and service deliverables. This document is designed to set general expectations and serves as a general guide to the Clinisys implementation process.

2 Deliverables

2.1 Clinisys Software-as-a-Service

The Clinisys SaaS described in this Section is provided solely to support implementation and testing activities under this SOW and does not constitute a subscription purchase, which will be subject to a separate agreement between the Parties.

Clinisys SaaS
Clinisys Laboratory Solution ("CLS") SaaS <i>Clinisys Laboratory Solution</i> <i>Includes:</i> - 8 Concurrent Users - 4 Instrument connections - 3 Third party application interfaces - 250 GB data storage - 1 Test environment - Lab Online - Field Sampling Functionality <i>"Concurrent User" means all Authorized Users simultaneously accessing or using the SaaS. The maximum number of Concurrent Users that may access and use the SaaS at any one time are limited to the total Concurrent Users set forth in the Order</i>

2.2 Test Menu

The CLS implementation includes a Clinisys configuration of up to twenty-five test codes. After training, County of Humboldt will be responsible for completing the remainder of the test compendium configuration and testing, with support and guidance from the Clinisys team.

To ensure timely delivery and alignment with project timelines, the final scope for method code configuration will be confirmed and locked at the initiation and design stage.

Type	Test Name	Method
Clinical	AFB	Smear
Clinical	AFB	Culture
Clinical	AFB	GeneXpert PCR – TB/Rif
Clinical	Chlamydia	GeneXpert PCR
Clinical	Gonorrhoea	GeneXpert PCR
Clinical	Trichomonas vaginalis	GeneXpert PCR
Clinical	CarbaR PCR	GeneXpert PCR
Clinical	Sars-CoV-2/Influenza	PCR - CDC Assay
Clinical	Sars-CoV-2/Influenza/RSV	GeneXpert PCR
Clinical	Sars-CoV-2 WGS	Illumina
Clinical	Influenza A Subtyping	PCR - CDC Assay



Type	Test Name	Method
Clinical	Influenza B Subtyping	PCR - CDC Assay
Clinical	Biofire Respiratory Panel	Biofire PCR
Clinical	Biofire GI Panel	Biofire PCR
Clinical	Measles PCR	LDT PCR
Clinical	Mumps PCR	LDT PCR
Clinical	VZV PCR	LDT PCR
Clinical	Norovirus PCR	GeneXpert PCR
Clinical	Shiga Toxin PCR	LDT PCR
Clinical	Bacteriology	Culture for ID
Clinical	Bacteriology	Salmonella Clearance
Clinical	Bacteriology	Shigella Clearance
Clinical	Bacteriology	STEC Clearance
Clinical	Bacteriology	Gonorrhoea Culture
Clinical	Bacteriology	Gonorrhoea AST
Clinical	Bacteriology	Spore Ampule
Clinical	Syphilis	RPR Qualitative
Clinical	Syphilis	RPR Quantitative
Clinical	Syphilis	TP-PA
Clinical	Blood Lead	LeadCare II
Clinical	LRN Bioterrorism - human samples	
Water/Oyster	Drinking Water P/A	Idexx
Water/Oyster	Drinking Water QT51	Idexx
Water/Oyster	Drinking Water QT2000	Idexx
Water/Oyster	Ambient Water QT2000	Idexx - Colilert (fresh water)
Water/Oyster	Ambient Water QT2000	Idexx - Colilert-18 (Marine Water)
Water/Oyster	Enterolert	Idexx - Marine Water
Water/Oyster	Enterolert	Idexx - Fresh Water
Water/Oyster	Bathing Beaches - Marine	Idexx - Colilert-18/ Enterolert
Water/Oyster	Bathing Beaches - Fresh Water	Idexx - Colilert/ Enterolert
Water/Oyster	Oyster growing water Fecal and Total Coliform	A1 15 tube MTF
Water/Oyster	Oyster tank	LTB 10 tube MTF
Water/Oyster	Oyster Shucking	
Water/Oyster	Oyster Fecal and Total Coliform	LTB 20 tube MTF
Water/Oyster	Oyster Vibrio parahaemolyticus PCR	FDA PCR assay - 15 tube APW
Water/Oyster	Male Specific Coliphage	FDA MSC assay
Water/Oyster	Water Processing	MST Filtration
Water/Oyster	Microbial Source Tracking	LDT PCR
Animal	Tick	Tick ID
Animal	Tick	Borrelia burgdorferi DFA
Animal	Rabies	DFA
Animal	Rabies	PCR
Environmental	LRN Bioterrorism - Environmental Samples	

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**Humboldt County is responsible for conducting testing of the delivered workflow and analysis build.*

Important

Clinisys Laboratory Solution provides built-in capability to configure test workflows and associated workflow information.

Following training by Clinisys, County of Humboldt will be responsible for configuring and validating the following items:

- The specific Calibration levels and/or QCS checks as per the SOPs/QMS of the lab
- Any new QC / Sample types, outside those already defined in the system
- The template(s) that determine what QCs are added to each run sequence
- The values of the MDL, PQL, % Recovery, Precision and Analytical limits related to QCs or client sample with the actual values determined by the lab per their SOPs / QMS.
- Standards (stock or working) used for spiking, or adjust the existing ones, to match the actual standards/spiking solutions purchased or prepared by the lab.

2.3 Custom Action Triggers

Custom Action Triggers (CATs) are used to automate processes within the system to support workflow steps. CATs are also used to perform complex calculations or perform reflex testing actions, container disposal rules, alert rules, and perform automated, logic-based data interpretations. The system comes equipped with many pre-configured CATs to support typical laboratory workflows. As part of this implementation, Clinisys will configure up to ten (10) CATs.

2.4 Instrument Integrations

Some instruments can create result output files or have a direct connection to exchange information coming both from and to CLS. This section outlines the instrument integrations that will be included in the scope of this implementation.

The table below identifies the new instrument parsers that will be configured for County of Humboldt.

Instrument	Quantity
ABI 7500 (Transitioning to QuantStudio 5's)	2
Biofire	1
GeneXpert	1

2.5 Application Interfaces

The CLS system can be configured to connect directly to other third-party databases to exchange information. While some of these interfaces may exist in the CLS, many need to be configured as part of the project implementation. The interfaces identified below are included in the scope of this implementation.

Interface Type	Direction	Format	Vendor
Orders	Inbound	HL7	NCHIIN



Interface Type	Direction	Format	Vendor
Results	Outbound	HL7	NCHIIN
Results	Outbound	HL7	CDC

In the event the Client identifies interfaces needed that are not listed above, Clinisys will collaborate with Client to address any such change pursuant to Section 2.11.

2.6 Reports and Dashboards

2.6.1 Result Report(s)

CLS provides many standard report formats that are part of the core solution. County of Humboldt can choose to use any or all of these standard report formats. Clinisys will assist County of Humboldt with minor modifications to these standard reports consisting of the placement of predefined fields within the report format as well as use of the provided County of Humboldt logo.

Clinisys can create additional report formats that consist of predefined fields in a layout that differs significantly from any of the pre-configured report formats. Tailored report formats are typically used for final reports that will be delivered to Humboldt County's clients or patients where a highly formatted and polished report is desired.

Minor adjustments may be applied to standard reports. All report requests and revisions must be accepted by Clinisys no later than one (1) week prior to the start of User Acceptance Testing (UAT).

As part of the implementation scope, Clinisys will configure up to two (2) standard report formats. Clinisys will accept up to three (3) rounds of feedback and revisions for the reports included in this implementation.

2.6.2 Analytics & Reporting

The implementation of CLS includes the following analytics and reporting capabilities:

- **Opening page dashboard:** This dashboard is displayed at login and can be configured to show a series of widgets or information. The pre-configured widgets described in Appendix A can be used in the dashboard. Training on creating new widgets and updating the dashboard as part of System Administrator training.

The scope of the implementation for the County of Humboldt includes configuring up to four (4) dashboards and widgets.

- **Pre-defined ad-hoc queries:** Ad-hoc queries are used when the information needed can be displayed in a spreadsheet or CSV type format that is not highly formatted for distribution to your clients or patients. The base system includes two result-based data sets which can be used to configure queries via a UI interface and a container disposal dataset and query.

The implementation of CLS for County of Humboldt includes configuring up to ten (10) queries and training on the creation of additional queries as part of System Administrator training.

All dashboards, widgets, and adhoc query requests and revisions must be accepted by Clinisys no later than one (1) week prior to the start of User Acceptance Testing (UAT).



2.7 Historical Legacy Data Migration

Clinisys will collaborate with County of Humboldt to migrate historical legacy data from a single source for read-only purposes.

Detailed requirements and data formats will be defined during implementation. Migration specifications and timelines will be jointly reviewed and agreed upon by both parties.

The historical data will reside in a separate tablespace from the production CLS data, ensuring no interaction between the two datasets. Once loaded into the Oracle database—outside the CLS application—dedicated report formats and queries will be developed to enable viewing, searching, and delivery of historical results.

This migration typically occurs several months post-CLS Go-Live, once all pending transactions are completed and the legacy system data becomes static. Access to the historical data will be read-only, with Clinisys providing a user account.

County of Humboldt will validate the data within two (2) weeks of loading. Upon validation, the data will be accessible via Ad Hoc Queries through the CLS application. County of Humboldt will be responsible for creating these queries and reports after completing the necessary training.

Modifications to the legacy data structure or integration into the CLS system are not included in this scope.

Legacy System
Apollo LIMS

2.8 Services

Clinisys Services
Clinisys Laboratory Solution Professional Services - Project Management - Workflow Assessment - Implementation Services - Instrument Integrations - 3rd Party Integrations - Training - Go Live Support - Post Live Support

2.8.1 Description of Standard Project Professional Services

Service	Description
Clinisys Project Management	Assigned resource who acts as the leader of the Clinisys Project Team. The Clinisys PM collaborates with the Client PM to develop and manage the project plan, project scope, identify milestones, and drive project momentum. The Clinisys PM will lead calls, meetings and communications between the client and project team throughout the project implementation phase. The Clinisys PM will also provide



Service	Description
	project status, schedule and key issues to the client team and management on a regular basis.
Laboratory Assessment and Requirements Validation	Up to 2 days of onsite assessment with stakeholders of laboratory workflows and business processes. Findings are documented in a workflow assessment document delivered two weeks post visit.
Instrument Integrations	Review of technical requirements, delimiters, channel configuration, and data parsing validation.
External Interfacing & Integration	Review of 3rd party technical requirements, data translations, interface development, configuration, and validation.
File Build & Configuration	System configuration, application, and workflow configuration, building of test compendium, etc.

2.9 Training & Onsite Visits

Training* or Description of On-Site Visit	Onsite**/Remote?	Max # Of Client Attendees	# of Days	Recommended Attendees (Roles)
Project Kick-off	Onsite/Remote	N/A	0.5	County of Humboldt Project sponsors and leaders
Workflow Assessment***	Onsite/Remote	N/A	3	County of Humboldt Workflow Specialists County of Humboldt Project leader
Method Code Configuration Training****	Remote	6	8	Future County of Humboldt system administrators
System Administrator Training	Onsite/Remote	6	3	Future County of Humboldt system administrators
End User Training	Onsite/Remote	10	3	Trainers or End Users not previously involved in the project.
Report Training	Remote – Self Paced	N/A	N/A	Future County of Humboldt system administrators Report writing staff
Go-Live Support	Onsite	N/A	Per Project Schedule	County of Humboldt Project Team

* To maintain the integrity and confidentiality of our training sessions, recording of any training provided by our team is strictly prohibited.

** Intended to be delivered in 2 working sessions per week, over the course of a month, for 2 hours each session

2.10 Out of Scope

The following items are considered out of the scope of the project:

- Any activity or deliverable not included or not quantified in sections 2.1 through 2.10 and their respective sub-sections.
- Dynamic (historical/transactional) Data Migration
- Translations in any language other than English.
- Creation of any Client specific manuals, guides or work instructions

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- System-wide Performance Tuning

Note:

A detailed workflow assessment will be conducted by a member of the Clinisys team shortly after the Project Kick-off. The purpose of the assessment is to gather details regarding the Client's needs related to their new CLS LIMS. It is important for Clients to prepare for and participate in these assessments with the intent of bringing all LIMS related needs to light. If any new project needs or tasks are identified during this process that were not listed within this SOW, they will be subject to the change management process described in Section 2.11.

2.11 Change Management Process

Should there be a need for a project change, the process to be followed is described below.

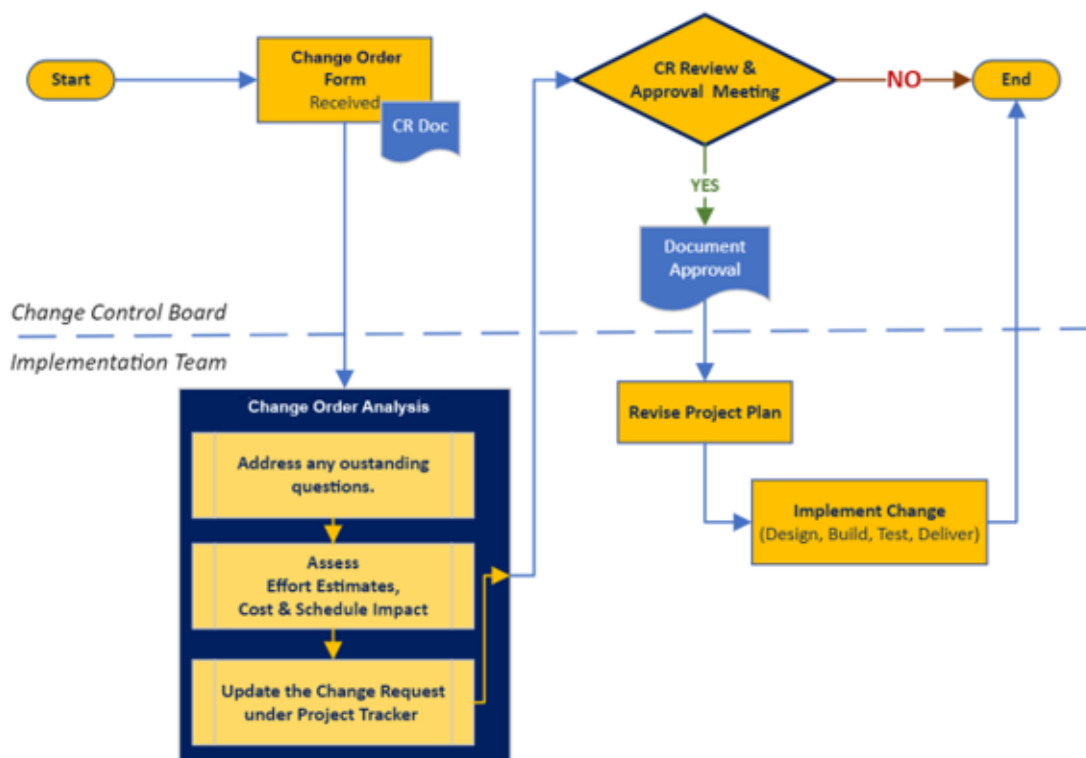
Initiation of any change of scope, regardless of its nature (i.e. adding or removing deliverables, changing the description or requirements related to existing deliverables, changes in acceptance criteria, etc.), relative to what has been described in this SOW requires submission of a documented Change Order.

Each change order will be assessed for the impact that will have on the project from duration, level of effort, resources, complexity and cost standpoints.

Both parties must review the proposed change and indicate approval, deferral, or rejection of the change order. Either party may initiate a change order.

Each change order document will be stored with the original SOW.

Change Management Process Flow

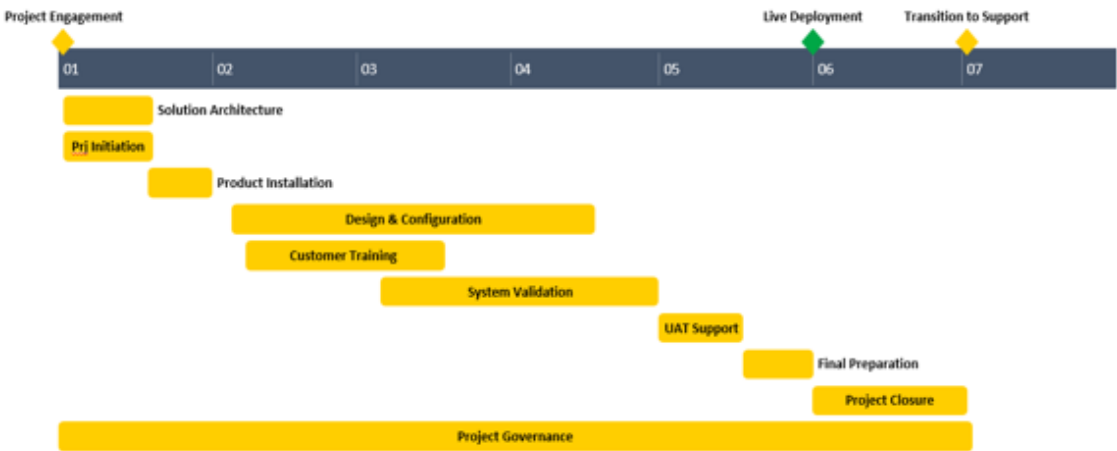


Note:

The Change Control Board is formed of stakeholders from the County of Humboldt and Clinisys that have the competency and authority to review and approve the submitted changes.

3 Foundational Project Milestones

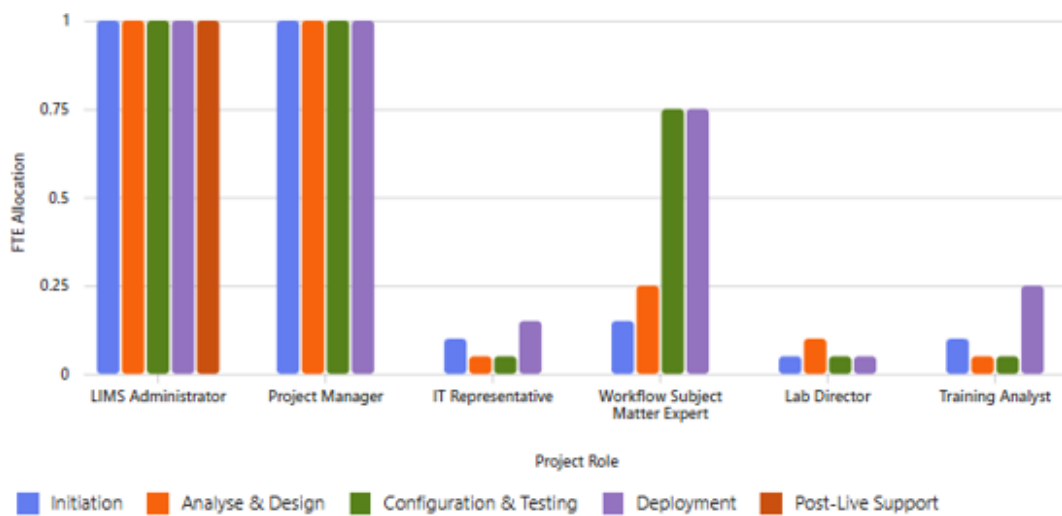
Foundational milestones for the project are listed below. The below timelines are typical projected timelines for projects of this scope. Any variations to the scope and/or the schedule will need to be signed off and agreed to by all parties. The milestone dates will be determined when the detailed Project Schedule is created (after project kick-off).



4 Client Resources

The chart below outlines client resource allocation expectations by project phase:

- **FTE Allocation**
Indicates the number of individuals expected to be dedicated to the project or a specific phase.
 - An FTE is defined as a 40-hour work week.
 - One Workflow Subject Matter Expert (SME) FTE is required for each department.
- **Project Role**
Refers to generic role descriptions or titles for resources. Depending on the role or project phase, a single individual may fulfill multiple roles.
 - Each project role is expected to have at least one (1) FTE as a backup for the Post-Live Support phase.



5 Primary Assumptions

Assumptions	
1.	Client's Laboratory facility has broadband connection to the internet
2.	Client agrees to allow use of Clinisys preferred access method for access to on-premises components of CLS for Implementation and Support activities.
3.	County of Humboldt is responsible for maintaining the on-premises proxy server, including ensuring its availability, configuration, and security compliance, as required to support this access method. For full technical and operational requirements, please refer to the CLS Platform Configuration Document.
4.	Clinisys will implement the standard Clinisys Laboratory Solution (no new product releases are required to satisfy requirements)
5.	Clinisys and County of Humboldt will allocate resources to meet the scheduled dates as agreed upon in the project schedule (testing, meetings, etc.)
6.	Project timeline doesn't start until after the final workflow assessment report has been delivered to the Client.
7.	Any delays in the availability of hardware, peripherals, Client resources, or 3 rd party resources may impact the project timeline or scope
8.	Client will manage the involvement of 3 rd party vendors included in the implementation
9.	Systems with which Clinisys Laboratory Solution will be interfaced will have published specifications available describing data elements and or/interface behaviour
10.	CLS instrument interfacing requires instruments to connect to your local network. If an instrument supports only a serial port connection, client-provided intermediary hardware (e.g., a Lantronix device server) must be used to enable network communication.
11.	Clinisys to configure 25 test codes, County of Humboldt to configure 20.

Assumptions	
12.	Legacy data available in the Clinisys Laboratory Solution, read-only area. Data not available in LabOnline.
13.	County of Humboldt to create UAT (user audit testing) scenarios relevant to their unique workflow(s).
14.	Clinisys will provide user guides, FAQ's and reference sheets, pertaining to CLS. PDF training manuals will not be provided.
15.	To maintain the integrity and confidentiality of our training sessions, recording of any training provided by our team is strictly prohibited.
16.	Should County of Humboldt choose not to implement any integrations, or workflow configuration features detailed in the Statement of Work prior to Go-Live, additional fees may apply for implementation <u>at a later date</u> .
17.	All VPN requests must comply with the requirements specified in Section 6.
18.	Level IV reports are outside the scope of this implementation.

6 VPN Requirements

The following requirements and standards must be satisfied to enable the inclusion of a VPN connection in this implementation.

1. VPN Protocol & Standards

- The VPN must use IKEv2 as the preferred protocol for secure and reliable tunnel establishment.
- Encryption Standards:
 - Phase 1 & Phase 2 must meet the following minimums:
 - Encryption: AES-256
 - Integrity: SHA-256
 - Diffie-Hellman Group: Group 20 (Elliptic Curve 384-bit)

2. Authentication & Key Exchange

- A unique Pre-Shared Key (PSK) will be generated for each VPN tunnel.
- The PSK must be shared securely using encrypted communication channels or approved secure transfer methods.

3. Network Requirements

- The Client's local IP address must be behind a NAT to ensure proper tunnel negotiation and avoid IP conflicts.
- The Client's VPN endpoint must have a static IP address
- Clinisys will provide a unique local CIDR block for their internal network to be used in the VPN configuration.

4. Device & Firmware Requirements

- Both VPN endpoint firewalls must be running mature, vendor-recommended firmware versions to ensure stability, compatibility, and security.
- Firmware must be validated against known VPN-related issues and approved by the network/security team prior to deployment



Appendix A

Pre-Configured Environmental and Water Quality Content Package

Pre-configured Tests

R1			R2		
#	Fraction	Test / Method	#	Fraction	Test / Methods
1	Gen Chemistry	EPA 180.1 - Turbidity - WA	1	Gen Chemistry	EPA 160.4 - Res.-Volatile -SO
2	Gen Chemistry	EPA 300.0 - Anions - WA	2	Gen Chemistry	EPA 160.4 - Res.-Volatile -WA
3	Gen Chemistry	EPA 335.4 - Cyanide, Total - WA	3	Gen Chemistry	EPA 353.2 - NO3+NO2 as N-WA
4	Gen Chemistry	EPA 351.2 - Nitrogen, TKN - WA	4	Gen Chemistry	EPA 1010B - Ignitability-SO
5	Gen Chemistry	EPA 365.3 - Ortho-PO4 - WA	5	Gen Chemistry	EPA 1664B - Oil & Grease -WA
6	Gen Chemistry	EPA 365.3 - Total Phosphorus - WA	6	Gen Chemistry	EPA 7196A - Chromium (VI) -SO
7	Gen Chemistry	EPA 420.4 - Phenolics, T. - WA	7	Gen Chemistry	EPA 7199 - Chromium (VI) -SO
8	Gen Chemistry	EPA 1010B - Ignitability - WA	8	Gen Chemistry	EPA 9012B - CN, Amenable -WA
9	Gen Chemistry	EPA 1664A - Oil & Grease - WA	9	Gen Chemistry	EPA 9065 - Phenolics-WA
10	Gen Chemistry	EPA 7199 - Chromium (VI) - WA	10	Gen Chemistry	EPA 9012B - CN, Total-SO
11	Gen Chemistry	EPA 9012B - Cyanide, Total - WA	11	Gen Chemistry	EPA 9020B - OH, <u>Total</u> (TOX)-WA
12	Gen Chemistry	EPA 9034 - Sulfide, Reactive - WA	12	Gen Chemistry	EPA 9023 - OH, E(EOX) - SO
13	Gen Chemistry	EPA 9040C - pH - WA	13	Gen Chemistry	EPA 9071B - <u>Oil&Grease</u> /HEM-SO
14	Gen Chemistry	EPA 9045D - pH - LQ	14	Gen Chemistry	EPA 9095B - Paint <u>Etr.Liq.</u> -SO
15	Gen Chemistry	EPA 9045D - pH - SO	15	Gen Chemistry	EPA 9095B - Paint <u>Etr.Liq.</u> -WA
16	Gen Chemistry	EPA 9050A - Conductivity - WA	16	Gen Chemistry	Lloyd Khan - TOC - SO
17	Gen Chemistry	EPA 9056A - Anions -WA	17	Gen Chemistry	SM 2310 B - Acidity- WA
18	Gen Chemistry	EPA 9060A - TOC - WA	18	Gen Chemistry	SM 2320 B - Alkalinity- WA
19	Gen Chemistry	SM 2120 B - Color - WA	19	Gen Chemistry	SM 2340 C - Hardness- WA
20	Gen Chemistry	SM 2150 B - Odor - WA	20	Gen Chemistry	SM 2540 B - Solids, Total- WA
21	Gen Chemistry	SM 2510 B - Conductivity - WA	21	Gen Chemistry	SM 2540 B - Solids, Total - BS
22	Gen Chemistry	SM 2520 B - Salinity - WA	22	Gen Chemistry	SM 2540 C - Solids, TDS- WA
23	Gen Chemistry	SM 2550 B - Temperature - WA	23	Gen Chemistry	SM 2540 D - Solids, TSS - WA
24	Gen Chemistry	SM 4500-Cl F - <u>Chlor.</u> Res. - WA	24	Gen Chemistry	SM 2540 E - Solids, TVS - BS
25	Gen Chemistry	SM 4500-H+ B - pH - WA	25	Gen Chemistry	SM 2540 E - Solids, TVS - WA
26	Gen Chemistry	SM 4500-NH3 H - Ammonia - WA	26	Gen Chemistry	SM 2540 F - Solids, <u>Sett.</u> - WA
27	Gen Chemistry	SM 4500-NO2 B - NO2 as N - WA	27	Gen Chemistry	SM 2540 G - Solids, TVS- SO
28	Gen Chemistry	SM 4500Norg B - <u>TKN</u> -WA	28	Gen Chemistry	SM 2540 G - Solids, TVS- WA
29	Gen Chemistry	SM 4500-P E - Ortho-PO4 -DW	29	Gen Chemistry	SM 4500-Cl G - <u>Chlor.</u> Res. - WA
30	Gen Chemistry	SM 4500-S2 F - Sulfide -WA	30	Gen Chemistry	SM 4500-CN C - CN, Total- WA
31	Gen Chemistry	SM 4500-SO3 B - Sulfite -WA	31	Gen Chemistry	SM 4500-CN E - CN, WAD - WA
32	Gen Chemistry	SM 5220 C - COD - WA	32	Gen Chemistry	SM 4500-CN I - CN, WAD - WA

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#	Fraction	Test / Method	#	Fraction	Test / Methods
33	Gen Chemistry	SM 5310 B - TOC - WA	33	Gen Chemistry	SM 4500-NO3 B - NO3 UV Screen - WA
34	Metals	EPA 200.7 - Metals ICP - WA	34	Gen Chemistry	SM 4500-NO3 F - NO3+NO2 - BS
35	Metals	EPA 200.8 - Metals ICPMS - WA	35	Gen Chemistry	SM 4500-NO3 F - NO3+NO2 - WA
36	Metals	EPA 245.1 - Mercury - WA	36	Gen Chemistry	SM 4500-O G - Diss. Oxygen-WA
37	Metals	EPA 1631E - Mercury, LL - WA	37	Gen Chemistry	SM 4500-P F - T. Phosphorus - BS
38	Metals	EPA 6010D - Metals ICP - WA	38	Gen Chemistry	SM 4500-P F - T. Phosphorus - WA
39	Metals	EPA 6020B - Metals ICPMS - WA	39	Gen Chemistry	SM 4500-SiO2 C - Silica - WA
40	Metals	EPA 7470A - Mercury - WA	40	Gen Chemistry	SM 5210 B - BOD/CBOD -WA
41	Metals	EPA 7471B - Mercury - SO	41	Gen Chemistry	SM 5540 C - MBAS-WA
42	Microbiology	SM 9215B - HPC-DW	42	Gen Chemistry	SM 5560 C - Vol. Org. Acids - WA
43	Microbiology	SM 9223B - Coliforms P/A - DW	43	Gen Chemistry	SM 5910 B - UV Absorption - WA
44	Microbiology	SM 9223B - Coliforms QT2K-SO	44	Gen Chemistry	T001 - Timberline Ammonia - WA
45	Microbiology	SM 9223B - Coliforms QT2K-WA	45	Microbiology	SM 9221E - F. Coliforms MT15T-BS
46	Microbiology	SM 9223B - Coliforms QT51-DW	46	PFAS	EPA 537.1 - PFAS -DW
47	Microbiology	SM 9223B - Coliforms QT51-WA	47	PFAS	ASTM D7968 - PFAS - SO
48	PFAS	EPA 533 - PFAS - WA	48	PFAS	ASTM D7979 - PFAS - WA
49	PFAS	EPA 1633 - PFAS -WA	49	PFAS	ASTM D8421 - PFAS - WA
50	Radiochemistry	EPA 900.0 - Gross A/B Rad - DW	50	PFAS	EPA 8327 - PFAS - WA
51	Semivolatiles	EPA 525.2 - Semi-VOCs - DW/WA	51	Semivolatiles	EPA 504.1 - EDP/DBCP - DW
52	Semivolatiles	EPA 531.2 - Carbamates - WA	52	Semivolatiles	EPA 522 - 1,4-Dioxane -WA
53	Semivolatiles	EPA 547 - Glyphosate - WA	53	Semivolatiles	EPA 608.3 - OC Pest/PCBs - WA
54	Semivolatiles	EPA 548.1 - Endothall-WA	54	Semivolatiles	EPA 625.1 - Semi-VOCs-WA
55	Semivolatiles	EPA 549.2 - Para/Diquat - WA	55	Semivolatiles	EPA 8011 - EDP/DBCP - WA
56	Semivolatiles	EPA 552.3 - HAAs - WA	56	Semivolatiles	EPA 8015D - Diesel RO - WA
57	Semivolatiles	EPA 8270 - Semi-VOCs - WA	57	Semivolatiles	EPA 8015D - Diesel RO - SO
58	Volatiles	EPA 524.2 - VOCs -DW/W	58	Semivolatiles	EPA 8081B - OC Pesticides - WA
59	Volatiles	EPA 624.1 - VOCs-WA	59	Semivolatiles	EPA 8081B - OC Pesticides - SO
60	Volatiles	EPA 8260B - VOCs-WA	60	Semivolatiles	EPA 8082A - PCBs - WA
			61	Semivolatiles	EPA 8082A - PCBs - SO
			62	Semivolatiles	EPA 8151A - Herbicides - WA
			63	Semivolatiles	EPA 8270ESIM - SIM SVOCs - WA
			64	Volatiles	EPA 8015D - Alcohols - WA
			65	Volatiles	EPA 8015D - Alcohols - SO
			66	Volatiles	EPA 8015D - Glycols - WA
			67	Volatiles	EPA 8015D - Gasoline RO - WA
			68	Volatiles	EPA 8015D - Gasoline RO - SO
			69	Volatiles	EPA 8260DSIM - 1,4-Dioxane-WA
			70	Volatiles	EPA RSK-175 - Dissolved Gases-WA



R3		
#	Fraction	Test / Methods
1	Air Quality	MAAPH - Air Ph. Hydrocarbs-A
2	Air Quality	TO-15 - VOCs-A
3	Air Quality	TO-15 SIM - VOCs -A
4	Air Quality	TO-3 - VOCs-A
5	Air Quality	Air Cannister Cleaning & Certifying
6	Gen Chemistry	EPA 9020B - OH, <u>Total</u> (TOX)-SO
7	Gen Chemistry	EPA 9023 - OH, E(EOX) -SO
8	Gen Chemistry	EPA 9065 - Phenolics-SO
9	Gen Chemistry	SM 2330B - Lang. Sat. Idx -WA
10	Metals	EPA 6010D - Metals ICP-SO
11	Metals	EPA 6020B - Metals ICPMS-SO
12	Metals	TCLP Metals
13	PFAS	ASTM D8421 - PFAS Screen-SO
14	PFAS	EPA 1633 (Draft) - PFAS -SO
15	PFAS	EPA 1621 - PFAS Screen - WA
16	Radiochemistry	EPA 901.1 - Gamma Emit Rad-DW
17	Semivolatiles	CTEPH - EP Hydrocarbons-SO
18	Semivolatiles	CTEPH - EP Hydrocarbons-WA
19	Semivolatiles	MAEPH - EP Hydrocarbons-SO
20	Semivolatiles	MAEPH - EP Hydrocarbons-WA
21	Semivolatiles	NJEPH - EP Hydrocarbons-SO
22	Semivolatiles	NJEPH - EP Hydrocarbons-WA
23	Semivolatiles	EPA 1628 - PCBs - WA
24	Semivolatiles	EPA 8270E - Semi-VOCs-SO
25	Semivolatiles	EPA 8270ESIM - SIM SVOCs-SO
26	Semivolatiles	TCLP Semivolatiles
27	Volatiles	MAVPH - VP Hydrocarbons-SO
28	Volatiles	MAVPH - VP Hydrocarbons-WA
29	Volatiles	EPA 8260D - VOCs-SO
30	Volatiles	EPA 8260DSIM - 1,4-Dioxane-SO
31	Volatiles	TCLP Volatiles
32	Microbiology	SM 9221B - Coliforms MT15T-SO
33	Microbiology	SM 9230D - Legiolert QT -WA



Preconfigured Matrices

Code (2 characters)	Code (1 character)	Name
AR	A	Air
DW	D	Drinking Water
LQ	L	Liquid (non-water)
RW	R	Reagent(-grade) Water
SL	G	Sludge
SO	S	Soil/Solids
SV	V	Solvent
WA	W	Water/Aqueous
WW	W	Wastewater

Pre-configured Instrument Parsers

Instrument Type	Parser	Instrument Manufacturer/Model/Series	File Type (ext)
Excel	Excel – Color	N/A	*.xls
Excel	Excel – Hardness	N/A	*.xlsx
Excel	Excel – Total Resid. Chlorine	N/A	*.xlsx
GC	GC – Agilent Chemstation 1col	Agilent GC	*.csv
GC/ECD	GC – Agilent Chemstation 2col	Agilent GC-ECD 6890A/7890A	*.csv
GC/MS	Agilent GCMS	Agilent GC/MS 6890N / 7890A / 8890	*.csv
Hg Analyzer	Brooks Rand Hg Analyzer	Brooks Rand Merx	*.hgb
Hg Analyzer	Leeman Hg Analyzer	Leeman Hydra II AA	*.csv
IC	Lachat FIA	Lachat FIA QuickChem 8500	*.csv
IC	Dionex ICS 5000	Thermo Dionex ICS 5000	*.txt
IC	Dionex ICS 5000	Thermo Dionex ICS 5000 CR6	*.txt
ICP	ICP – Thermo 6500	Thermo 6500 Duo	*.csv
ICP/MS	ICPMS – Agilent 7900	Agilent ICP-MS 7700 / 7800 / 7850 / 7900	*.csv
ICP/MS	ICPMS – Agilent MassHunter	Agilent MassHunter	*.csv
ICP/MS	ICPMS – Agilent MassHunterCCV	Agilent MassHunter (CCV)	*.cc
LC/MS/MS	LCMSMS – Agilent G6495B	Agilent G6495B	*.csv
TOC Analyzer	Shimadzu TOC	Shimadzu TOC	*.txt
Excel Macro Output	Solids TSS-TDS-TS-TVS	N/A – Gravimetric Methods	*.txt
Spectrophotometer	Spectrophotometer -Thermo OPO4	Thermo Spectrophotometer – Ortho-PO4	*.opp



Pre-configured Reports

Customer Deliverables

Letter of Receipt
Represents a business letter sent to the client to acknowledge receipt of samples.
Collection Supplies Order
Intended to list container types, preservatives, and other sampling media that are included in a specific shipment order that has been fulfilled by the laboratory.

Financial Reports

Quotation
Create quotations for current or potential clients when a lab receives a request for future analytical work.
Preliminary Workorder Billables
Typically run after a workorder is logged in, this report is used by the project manager or supervisor to ensure the accuracy of the logged information, and the corresponding projected pricing.
Invoice
This report generates an invoice for a specific workorder or gathers charges "at large" based on client-specific billing cycles.

Operational Reports

Sample Handling

Collection Worklist
Provides a worklist for collectors to use in the field based on the samples pre-logged in the system.
COC, External Transfer
Lists the specific group of samples, including containers and ordered tests, that are subcontracted for testing from the original laboratory of receipt to an external (subcontracted) laboratory.
COC, Internal Transfer
Provides a printed chain of custody to accompany samples as they move throughout the laboratory.

**Shipping Manifest**

Accompanies the samples that are being shipped from LabOnline (used to pre-log samples) to the laboratory.

Batching**Backlog By Department**

Allows the review the open tasks in your department that might require paying attention to and monitoring.

Batch Master Mix

Compiles all standard master mixes and all applicable samples and component volumes in a specified batch to generate a Batch Master Mix report.

Batch Worklist

Lists samples comprising a batch and their scheduled procedures, analyte list name, task due date, holding time, status, and applicable worklist notes.

QA/QC**Competency Report**

Provides a hard-copy record of an analyst's competency analysis.

Compliance Report

Compiles a summary of corrective or preventative actions, which can be used as evidence for an auditor and be preserved as internal reference documentation.

QC Batch Review

Shows a batch of samples and QCs as well as their corresponding analytical results and reportable results.

Final Reports**Environmental Final - Single Sample**

Provides environmental testing results to the customer (including "walk-ins") for a single sample.

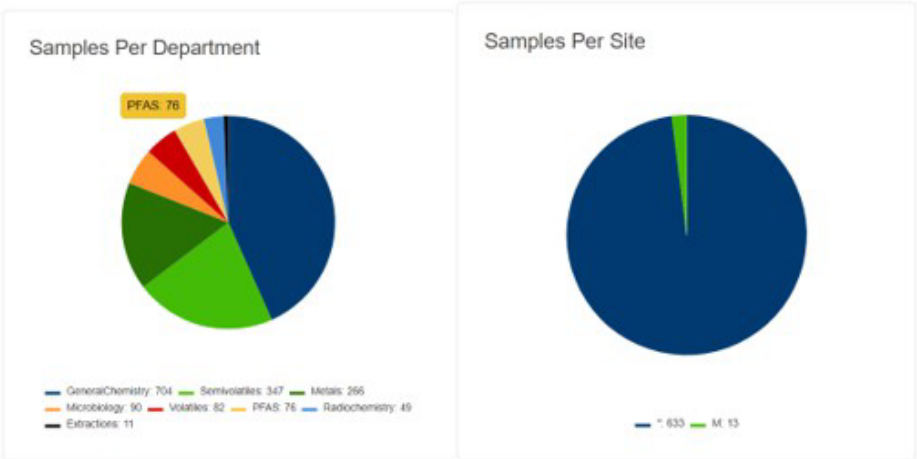
Environmental Final - Work Order

Typical final report for reporting environmental testing results for a group of samples submitted together as a workorder / sample delivery group.

Pre-configured Widgets

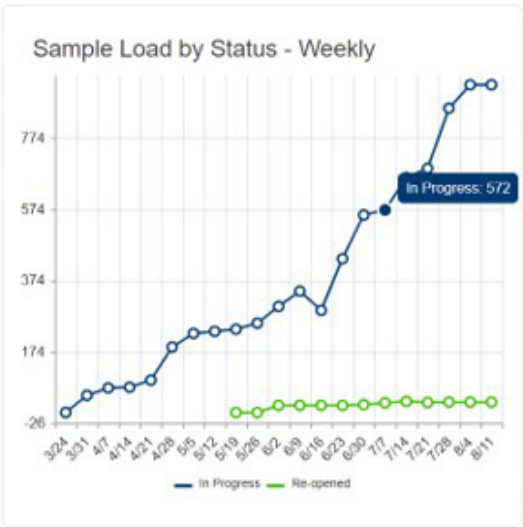
Samples Per Department & Site

This widget shows distribution of active samples across different departments in the lab. For multi-site organizations there is also a complementary widget that shows distribution by lab site.



Samples Load by Status – Weekly Basis

This widget displays the trending of sample volume over time broken down by their status.



Samples Status by Department

This widget displays the breakdown of sample volume by department and by their status for the last 90 days.

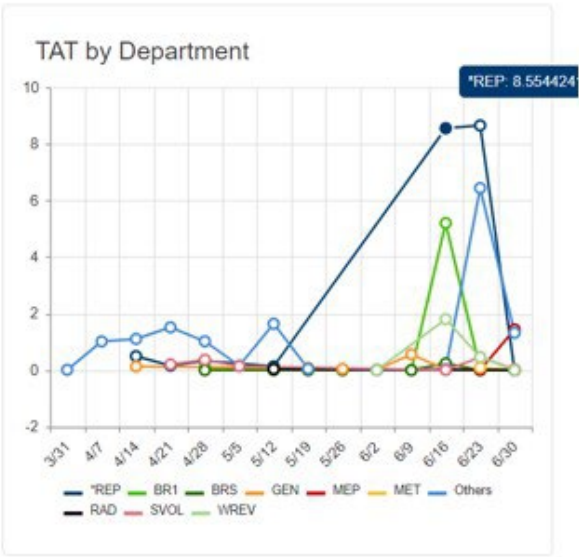
Samples Status By Department

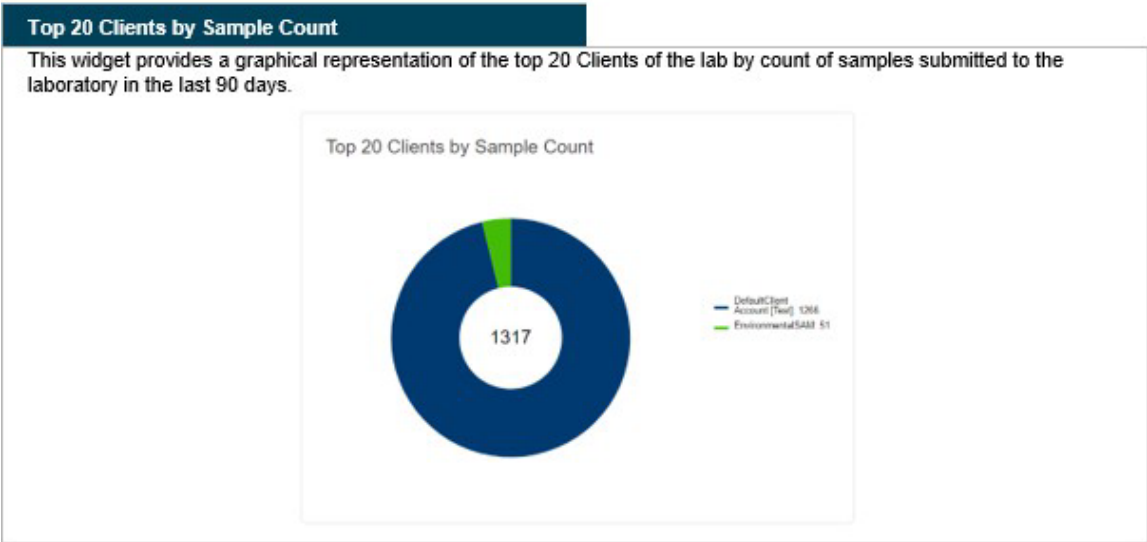
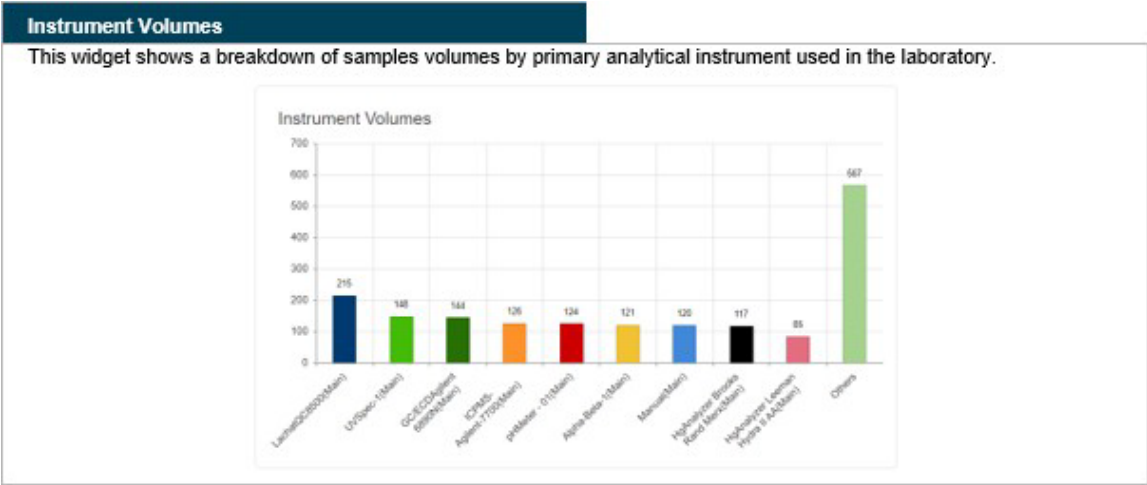
[view](#)

Department	Total #	In Progress	Completed
Extractions	127	37	90
General Chemistry	667	156	511
Metals	266	109	157
Metals Prep	275	94	181
Microbiology	36	19	17
PFAS	76	0	76
Radiochemistry	35	32	3
Semivolatiles	258	87	171
Volatiles	82	42	40

TAT by Department

This widget illustrates the Turnaround Time (TAT) performance broken down by each department of the laboratory.





The CLS system also provide a set of built-in, or system widgets as listed below.

Name	Description
Database Health	Displays an overview of the database file space and recovery areas
Equipment Utilization	Displays the percent utilization of equipment at the user's lab site
Latest Report Requests	Displays the most recent report requests
Legacy Custom Content	Displays the custom dashboard content in backwards compatible mode
My Alert Summary	Notifies the user of the number of new, unread, or flagged alerts they have and provides a button to display the user's alerts.
My Compliance Summary	Displays a summary of the user's compliance responsibilities
My Latest Alerts	Displays the user's most recent alerts
My Narratives	Notifies the user of the number of narrative assignments and provides a button that lists the assignments.
My Recent Items	Displays the items most recently modified by the current user as links that return to the appropriate page.
My Upcoming Schedule	Displays a list of the user's upcoming scheduled events

[END OF SCHEDULE B – STATEMENT OF WORK]



SCHEDULE C
ORDER TERM AND PAYMENT TERMS

Order Payment Terms.

PAYMENT TERMS (NET 30 DAYS) - Client will be invoiced according to the following schedule:		
Upon execution of the Order	100% Total Clinisys Services Fees	\$95,000.00

[END OF SCHEDULE C—ORDER TERM AND PAYMENT TERMS]