Designed by Labs. Developed by Sysmex

Caresphere™ Workflow Solution

Brief Product Description

Caresphere Workflow Solution (WS) is software designed to assist in automating decision-making tasks. Caresphere WS is a HITRUST CSF®-certified, HIPAA†-compliant application hosted in an Amazon Web Services (AWS) cloud environment. Customization and standardization of hematology, urinalysis, body fluid, sed rates and hemoglobin A1c rules and settings allows for autoverification and flexibility in sample processing and resulting across a network of laboratories increasing overall adoption and laboratory success.

Benefits of Caresphere WS

Security

- HITRUST CSF-certified
- Live AWS infrastructure monitoring
- Protected health information access control
- Automatic security patches
- Encrypted database
- Directory Services user management
- Disaster recovery
- Automated database backup
- High resiliency with AWS hosting foundation
- Database fully managed by Sysmex

Ease of Deployment

- Start to finish Sysmex-assisted implementation process
- Data conversion tool: transfer of rules, settings and patient data from Sysmex WAM™
- Step-by-step Rule and Configuration Wizards for new customers
- Sysmex Validation Solution (VS) software for decision rules validation and analyzer emulators

Workflow Optimization

- Customized workflow dashboard
- Sysmex hematology, body fluid and hemoglobin A1c rules package (compatible analyzers)
- Sysmex urinalysis rules package
- Result autoverification
- Operator alerts based on customer standard operating procedures displayed for each condition
- Critical and delta documentation management
- Individualized keypads
- Turnaround time status indicators
- Body fluid reporting with manual count calculator
- Sample location tracking
- Site-to-site sample transfer within software

Caresphere WS Subscription

- Unlimited analyzer connections
- Unlimited users
- Included software updates
- Test environment
- Database and application support and maintenance
- 3 years sample data storage
- Unlimited online training
- Sysmex Validation Solution Rules testing

Compatible Analyzers

- XN-Series™
- XN-L Series™
- X-Series™ (XE, XT, XS)
- CellaVision® (DM9600, DM1200, DC-1)
- Sysmex DI-60™
- SP-10/50™
- Alifax® (Test 1, Test 1 2.0, Roller 20PN, Roller 20MC)
- TS-01, TA-01
- TS-10/H™
- UN-Series™ - When interfaced through Urinalysis Data Manager (UDM)
- Bio-Rad VARIANT™ II TURBO (V2T) Link
- Siemens CLINITEK Novus®
- XP-300™
- pocH-100i™

†Health Insurance Portability and Accountability Act

Together for a better healthcare journey

Caresphere WS Requirements

	Small	Medium	Large	X-Large	Enterprise
Server Type	Virtual				
Operating System	Alma Linux SELinux Enforcing Mode v8.x				
CPU	64bit AMD/Intel 4 x CPU Cores @ 2.4 GHz	64bit AMD/Intel 4 x CPU Cores @ 2.4 GHz	64bit AMD/Intel 6 x CPU Cores @ 2.4 GHz	64bit AMD/Intel 8 x CPU Cores @ 2.4 GHz	Custom
RAM	16 GB	18 GB	20 GB	24 GB	Custom
Network Speed	1 Gbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps
Disk Space: OS	150 GB	150 GB	150 GB	150 GB	150 GB
Disk Space: DB	250 GB	250 GB	250 GB	250 GB	Custom
Disk Space: Backup	250 GB	250 GB	250 GB	250 GB	Custom
Data Peak Load	2 GB	4 GB	6 GB	12 GB	Custom
Network Bandwidth Peak Load	0.24 GB/hr	0.49 GB/hr	0.73 GB/hr	1 GB/hr	Custom

Caresphere WS Access

- Directory services integration
- No Local or thin client installation
- Tenant-specific URL
- Google Chrome recommended
- Firefox and Safari supported

Supported Directory Services	
Open ID Connect	ADFS (WS-Fed)
Okta using Open ID Connect or SAML 2.0	Ping Federate using SAML 2.0
Google Workspace	Other IdP using SAML 2.0
Microsoft Azure	
One Directory Service is supported per Caresphere WS Tenant	