Caresphere™ Workflow Solution (WS)

Designed by Labs. Developed by Sysmex.

www.sysmex.com/us
Caresphere Workflow Solution (WS)

Today’s laboratories rely on information technology (IT) to help organize clinical data for making quick and accurate decisions. Unfortunately, 29% of healthcare executives are concerned about a lack of internal expertise when it comes to adopting new technologies, while 32% have concerns about securing data privacy.*

Caresphere Workflow Solution (WS) is a software solution designed to address these concerns. Caresphere WS is a HITRUST CSF®-certified, HIPAA‡-compliant application hosted by Amazon Web Services. Customization and standardization of rules and settings allows for flexibility in sample processing and resulting across a network of laboratories increasing overall adoption and laboratory success. Sysmex supports the entire implementation process from the initial build to go-live, and continues support with unlimited virtual training and technical assistance for the life of the product.

The Caresphere WS subscription includes real-time monitoring, security updates, unlimited access to education and a reliable pricing model that offers dependable performance and peace of mind to your laboratory.

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<tr>
<th>Caresphere WS</th>
<th>Sysmex WAM™</th>
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<tr>
<td>✓</td>
<td>HITRUST CSF-certified</td>
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<td>✓</td>
<td>Real-time monitoring through Amazon Web Services (AWS)</td>
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<td>✓</td>
<td>Automatic security updates and disaster recovery</td>
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<td>✓</td>
<td>AWS Direct Connect for highly resilient network connections</td>
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<td>Major software updates and automatic patching</td>
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<td>Software as a service (SaaS) payment option</td>
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<td>Test environment included</td>
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<td>✓</td>
<td>Unlimited connected analyzers with no add-on cost</td>
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<td>Unlimited users with no license add-on costs</td>
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<td>Unlimited access to virtual education</td>
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<td>Unlimited remote business hours support</td>
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‡Health Insurance and Portability and Accountability Act
Robust security
- HIPAA-compliant application hosted in AWS cloud
- Live infrastructure monitoring
- Directory services password management
- HITRUST CSF-certified

Streamlined workflow
- Auto-verification based on Sysmex technology
- Standardization across multiple sites and analyzer configurations
- Customizable workflow screens
- Standard rule set reflects International Society of Laboratory Hematology (ISLH) recommendations and common procedures
- Stat, critical and turnaround time indicators
- Differential keypads allow configuration based on individual preference

Ease of deployment
- Sysmex Project Management team coordinates the entire implementation process
- Implementation tools include rules, configuration and conversion wizards and subscription to Sysmex Validation Solution for the first year
- Virtual training
- Remote experts support the entire validation process

Simplify rule testing with Sysmex VS
Sysmex VS is an application that provides effortless rule testing and reporting in cooperation with Caresphere WS.

Sysmex VS provides
- Easy and simple testing and reporting to assist with regulatory compliance
- Up to 78% time savings compared to manual validation compared to ongoing laboratory compliance*
- Increased lab efficiency by automating

*Simplified Sysmex Validation Solution Time Study April 2020
Review, Manage & Validate Results

1. **OPERATOR ALERTS**
   Integrated laboratory procedures streamline decision making and reduce risk.

2. **MANUAL REVIEW**
   Shift patient samples from one workflow to another to allow for streamlined data management.

3. **RESULT COLOR INDICATOR**
   Intuitive, visual communications allow laboratorians to process information more quickly, resulting in consistent turnaround times (TAT).

4. **PATIENT DEMOGRAPHICS**
   Expandable design allows for positive identification crucial for patient care.

5. **MANUAL AREA**
   Real-time visibility of next steps enhances the clinical workflow experience by improving process standardization and overall speed of patient care.

6. **SAMPLE LIST**
   Automated organization of samples to easily identify stats, criticals and samples exceeding lab TAT to achieve faster processing and better results for patient caregivers.
Differentiate, Compare & Verify

- Displays analyzer results for reference.
- Laboratory manual differential keypad displayed.

Option to perform multiple differentials as well as compare manual and automated results

Assign new keys and change order of cells to individual user preference
Classify, Quantify & Grade

- Morphology screen allows entry of RBC, WBC and platelet morphology results.
- Customizable display order.

Assess, Count & Calculate

- Direct entry form for total nucleated and red cell counts.
- Automatically calculates results from manual hemacytometer counts.