



DRIVE LABORATORY NETWORK  
EFFICIENCIES THROUGH CLINICAL  
INFORMATION MANAGEMENT TOOLS »

REMISOL Advance Middleware Solution



» Move healthcare forward.

Increased workloads, extensive documentation and a perpetual need to bridge talent gaps place demands on busy laboratories. For this reason, many laboratories are turning to advanced middleware platforms for much-needed relief. REMISOL Advance is a leading middleware solution for today's clinical laboratories bridging laboratory information systems (LIS) and instrumentation. It helps drive improved operational efficiency within and across the laboratory network through process automation and standardization. The enhanced capabilities of dashboards provide real-time insights into operations and fast access to key metrics for more informed decision making.

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## FOCUS ON PATIENTS AND RESULTS

Focus attention on the two most important concerns—patients and accurate, timely results. The intelligent REMISOL Advance system links analyzers and automation lines to LIS platforms with unparalleled automation through a simple user interface.



**Drive consistency through network standardization**



**Create efficiency through autoverification rules management**



**Improve sample workflow through consolidated management**



**Integrate quality-control management to improve reliability**

# CAPABILITIES TO ENHANCE YOUR HEALTH SYSTEM NETWORK



## Drive consistency through network standardization

The REMISOL Advance enterprise data-management system empowers laboratories to streamline workflow and result-management processes. The application offers flexibility and scalability to address a variety of laboratory needs while potentially helping to reduce errors and improving efficiency.

- › Consolidate and standardize rules, dictionaries and sample workflow across all networked locations
- › Ensure consistency, control and distribution of information system wide—across all laboratories, regardless of whether or not they use the same LIS platform—without adding costs
- › Verify orders, review results and review quality-control data, no matter where results were generated
- › Via dashboard, provide laboratories across the network a real-time view into lab performance, enabling technicians to focus on results that most need attention



## Create efficiency through autoverification rules

Promote laboratory efficiency and quality through autoverification, standardizing data review to increase productivity, decrease turnaround time and improve staff efficiency. With REMISOL Advance, take control of creating rules directly from the consoles and manage through exceptions.

- › Gain greater process control by writing and managing user-defined verification rules in the laboratory—without involving IT—decreasing manual review rates
- › Create efficiencies through rules that manage the uploading and downloading of data to further improve laboratory processes and workflow
- › Increase control and save time by programming rules to address unique laboratory requirements while enabling laboratory personnel to create or change rules as needed
- › Evaluate rules under sample test conditions before full deployment

# CAPABILITIES TO ENHANCE YOUR HEALTH SYSTEM NETWORK



## Improve sample workflow through consolidated management

Manage and track samples from any networked location using a continually updated pending log for real-time access to information about sample status. User-defined rules criteria help to decrease manual review rates through autovalidation. Set up user-defined rules to:

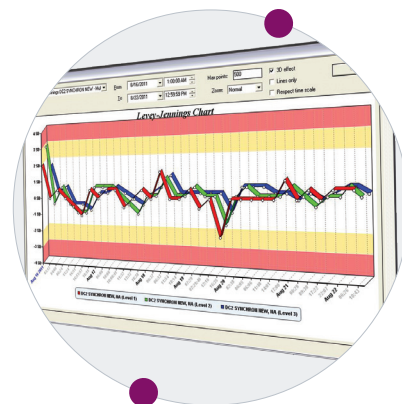
- > Eliminate manual reprogramming via reflex testing and delta checks
- > Receive proactive alerts regarding recent test add-ons, identification of tests, instrumentation and sample location
- > View laboratory turnaround time in real time via the dashboard, enabling greater insight into areas that may need improvement
- > Reduce workload, giving staff more time to evaluate challenging specimens and act upon critical results, which may lead to better decision making and patient care



## Integrate quality-control management to improve reliability

Benefit from real-time quality-control monitoring and the automatic suspension of result release through the Extended Quality Control module (EQC).

- > Establish quality-assurance monitoring beyond use of commercial controls
- > Use patient data for continuous real-time monitoring of system performance to ensure consistent, quality results between quality-control intervals
  - Warn the laboratory regarding exceptions
  - Stop test requests to a specific instrument
  - Shut off autoverification automatically to prevent the release of potentially erroneous results, costly test repeats, physician notifications and other corrective actions
- > Maintain control of results with around-the-clock monitoring for an additional level of quality assurance



# ENHANCED DATA AND ANALYTICS THROUGH DASHBOARD AND REPORTING

Dashboard provides customizable views into selected metrics and the actions that require attention to drive optimal lab performance

## SAMPLE MANAGEMENT

Focus on critical and delayed samples to manage by exception



## SAMPLE WORKFLOW

Summary of real-time sample status giving a view into sample processing stages

## QUALITY CONTROL

Monitor QC performance by focusing on alerts

## PERFORMANCE CRITERIA

Overview of total lab performance providing perspective into operations

Reporting consists of configurable analyses of key performance parameters that give perspective into laboratory operations and enable investigation of visual cues on dashboard. These reports enable laboratories to gain historical trending details on parameters such as samples, tests, QC and TAT over selected time frames, up to a maximum of two years. These trending analyses can drive continual improvement of your laboratory operations.



# OPTIMIZE OPERATIONS WITH A BROAD RANGE OF INNOVATIVE INFORMATIC SOLUTIONS

Go beyond middleware solutions with Beckman Coulter's array of clinical information management tools—advanced solutions designed to meet the growing clinical and business needs of laboratories and health network systems.



## DxONE Command Central

Maximize laboratory resource utilization, simplify workflow and boost productivity by unifying the view and monitoring of laboratory instruments and automation systems.

- › Connect multiple instruments to one central workstation
- › Monitor sample status, QC status, patient test results and essential instrument data easily on one consolidated view
- › Optimize resource utilization—especially beneficial during night shifts—when personnel are often tasked with monitoring multiple instruments at once



## hc1.com<sup>®\*</sup> for Beckman Coulter

Deliver solutions for business intelligence and relationship-management needs in a cloud-based platform. Use the hc1.com system to:

- › Visualize vital performance metrics with the click of a button
- › Improve efficiency and drive accountability across the organization
- › Create value through relationship management and improved customer service
- › Customize reports tailored to unique laboratory requirements



## PROService

Maximize instrument uptime and resolve issues with advanced remote service tools, enabling shortened service time.

- › PROService provides a data stream that can be used to alert Beckman Coulter service representatives when an instrument drifts out of range
- › Representatives can contact the laboratory as soon as an incident occurs
- › If granted access, the representative can launch remote desktop-sharing sessions for collaborative diagnosis and potential correction of the system

# CLINICAL INFORMATION MANAGEMENT TOOLS ENHANCE DIAGNOSTICS SOLUTIONS

Beckman Coulter workflow solutions allow busy laboratories to efficiently and automatically manage many pieces of laboratory equipment and patient data with simple, easy-to-use interfaces.

## Hematology

Automated hematology analyzers deliver faster, more accurate results (industry-leading 93% first-pass yield<sup>†</sup>), helping to achieve clinical effectiveness and operational efficiency in the laboratory.



## Chemistry

Clinical chemistry platforms deliver a low total cost of ownership supported by proven uptime, scalability and use of fewer consumables.

## Immunoassay

Immunoassay analyzers maximize workflow efficiency with fast throughput, best uptime and scalable solutions to meet unique laboratory requirements.



## Automation

A complete range of clinical laboratory automation systems advance a laboratory's efficiency by improving workflow for maximum productivity and reliability.

\*hc1.com is not available for sale outside the of U.S. and Canada.

†Calculation of the number of samples per hour per square meter is based on U.S. dimensions; comparisons include two connected instruments plus one slide-maker/stainer from different manufacturers with side and rear clearance.

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