



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 server-and-software platforms for much-needed relief. The REMISOL Advance Middleware Clinical Information Management Tool bridges laboratory information systems (LIS) and instrumentation, providing real-time insights into operations and fast access to data for more informed decision-making.

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.

Driving consistency through network standardization

- › REMISOL Advance mitigated \$30M in LIS integration costs (PCL Alverno)

Creating efficiency through autoverification rules management

- › Autoverification rate of 90% contributed to a 50% improvement in turnaround time (WGKK, Hanusch-Krankenhaus)

Improving sample workflow through consolidated management

- › Standardization with REMISOL Advance resulted in consolidated rules across 28 facilities (PCL Alverno)

Integrating quality-control management to improve reliability

- › Error reduction improved by 40% with automation and REMISOL Advance (El Camino Hospital)

CAPABILITIES TO ENHANCE YOUR HEALTH SYSTEM NETWORK



Driving consistency through network standardization

REMISOL Advance enterprise data management system empowers laboratories to streamline workflow and result management processes. The application offers the flexibility and scalability to address a variety of laboratory needs while reducing 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, irrespective of whether or not they use the same LIS platform—without adding costs
- › Verify orders, review results and review quality-control data, regardless of where results were generated



Creating 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, you can take control of creating your own rules directly from your own 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
- › Create rules specific to the needs of your laboratory
- › Authorize laboratory personnel to create or change rules, enabling quick prioritization, application and testing of new rules to accommodate dynamic workflows and schedule demands

CAPABILITIES TO ENHANCE YOUR HEALTH SYSTEM NETWORK



Improving 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:

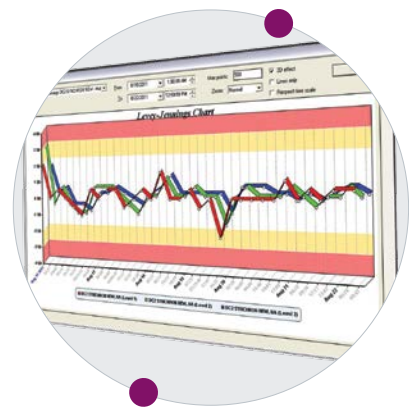
- › Eliminate manual reprogramming via reflex testing and delta checks
- › Receive proactive alerts regarding recent test add-ons, identification of tests, instruments and sample location
- › Review outlier results requiring detailed attention
- › Reduce workload, giving staff more time to evaluate challenging specimens and act upon critical results, which may lead to better decision-making and patient care



Integrating 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
 - Automatically shut off autoverification 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 insight for an additional level of quality assurance



ADVANCING QUALITY OF CARE THROUGH NEXT-GENERATION TECHNOLOGY

What's new? REMISOL Advance 1.9

- › Increased control over user authentication
 - Use Lightweight Directory Access Protocol (LDAP) to authenticate users
- › Additional multi-site capabilities
 - Configure site definitions by analyzers, automation lines and/or LIS
 - Establish rule triggers by site
- › Updated user-defined rules capabilities
 - Improve visualization of rules through a redesigned rules wizard
 - Apply new rule triggers—including automation events
- › Enhanced backup capabilities
 - Minimize impact to production database when creating an archive backup database
 - Simplify access to archive data in SQL database

- With REMISOL Advance Middleware Clinical Information Management Tool, you can track key performance metrics to make insightful decisions regarding laboratory operations, improvement strategies and tactics. This powerful tool helps harness the power of information, enabling you to focus on delivering fast, accurate results that advance the continuity of patient care.

OPTIMIZE OPERATIONS WITH A BROAD RANGE OF HIGH-TECHNOLOGY 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.



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
- › Easily monitor sample status, QC status, patient test results and essential instrument data 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^{®*} for Beckman Coulter

Deliver solutions for business intelligence and relationship management needs in a cloud-based platform. Using the hc1.com system, you can:

- › Visualize vital performance metrics with the click of a button
- › Improve efficiency and drive accountability across your organization
- › Create value through relationship management and improved customer service
- › Customize reports tailored to your 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, helping you achieve clinical effectiveness and operational efficiency in your 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 the unique needs of your laboratory.



Automation

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

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