

SoftLab® 4.5



SoftLab®, SCC Soft Computer's LIS solution, provides quantifiable improvements in clinical outcomes, workflow efficiencies, and return on investment. It's easy to understand why SoftLab® is in use at many of the largest and most sophisticated hospital and laboratory environments in North America. SoftLab® is a premier laboratory information system that helps clients reach top productivity. This robust application is designed to accommodate hospitals, IDNs, and laboratories of every size.

Scaled for high volume throughput, its advanced integration capabilities with all SCC products and multisite functionality make SoftLab® 4.5 the obvious choice for use in a wide variety of clinical laboratory settings, as well as at leading university and teaching facilities. Utilization management, enhanced pre-analytic specimen processing, medical necessity checking with Advanced Beneficiary Notices (ABNs), specimen tracking, multi-module call lists, and comprehensive report management, are all provided to create real improvements in the efficiency and quality of laboratory services.

SoftLab® computerizes and manages all data processing and laboratory activities, from order entry and result reporting to interfacing with laboratory instruments. The fully integrated SoftLab® system provides a seamless interface that links all clinical laboratory departments throughout the enterprise. Tremendous flexibility is provided to allow the distribution of data and results from the laboratory to the entire IDN (integrated delivery network).

FEATURES

- Full integration between all SCC products, including SCC's Genetics Information Systems Suite™ applications
- Enhanced call management module across different technologies with the ability to place calls for Canceled/Revised categories
- Enhanced data model to support more advanced queries
- Real-time Billing
- Web Accessioning for releasing standing/future orders*, collecting specimens, and printing labels using a predefined URL or accessing the option within SoftLab.
*Requires SoftROE®
- Ability to have user-defined specimen attributes and record manually-defined number of tubes per test
- New service-oriented architecture
- Redesigned HIS result reporting interface
- Improved reference lab interface implementation
- Increased field length for many key data elements
- Enhanced multisite capabilities and performance for extra-large customers
- Ability to report to proper doctor when same procedure ordered by multiple physicians
- Common setup files for Doctor, Ward/Clinic/Insurance, Diagnosis codes, and Salesman ID
- Improved storage module – requires at least one SCC Genetics Information Systems Suite™ product
- Enhanced reporting capabilities, including enhanced EPI report and collated reports across different technologies
- Improved remote receiving and workstation redirection functionality
- Adjusted specimen bar code generation algorithm to provide unique specimen identification, including downtime and robotic specimen labels
- Improved point-of-care interface implementation

SAMPLE SCREENSHOTS

Web Accessioning Option*

The Web Accessioning option can be configured as a standalone URL or accessed through SoftLab® based on the needs of your client. Clients can release orders when it is convenient for collecting specimens for their patients. SoftLab® collection labels are printed, which does not require relabeling when the specimens arrive at the lab. Additional specimen information can be entered while performing Specimen collection in the option.

*Releasing requires SoftROE®. Collection and label printing can be performed for non-SoftROE orders.

Call List

Call notifications to clients for orders containing multiple technologies (Lab, Micro, and Genetics) can be performed and documented during a single call thus eliminating communication delays and minimizing personnel time. The turnaround time indicator column (red in screen shot) provides a visual reminder of call notifications that have passed or will be passing the expected turnaround time. Flexibility to determine the types of required call notification for specific clients reduces excessive calls and, with the ability to open multiple calls for a client, allows communication of all pending notifications in a single call thus improving customer satisfaction.

Order Entry

Expanded and new fields in Order Entry provide easier integration and implementation with different HIS systems. Users can easily determine when a test is added or canceled with the additional columns on the Ordered test grid, including the display of "Multiples" indicating that this order has more than one requesting physician (Doctor Per Test functionality). Doctor per test functionality is available via HIS-placed orders and manually-released ROE orders.

Doctor per test functionality is available in manual Order Entry for different (unique) ordered tests per doctor.

SoftLab® intended use statement

SoftLab® is a laboratory information system to be used in a medical research or clinical laboratory by knowledgeable, trained, and experienced personnel. SoftLab® enables users to handle data-processing and laboratory activities, for the purpose of storing, managing, querying, and reporting laboratory data.