SoftMic® 4.5

This powerful microbiology information system has the most flexible and comprehensive features available on the market today. More than a sophisticated workflow management tool, SoftMic®, the microbiology information management solution from SCC Soft Computer, has advanced system architecture that allows real-time patient results to be readily available throughout the enterprise, improving the quality and delivery time of patient care. Designed for unlimited scalability and flexibility, SoftMic is versatile enough for single- or multisite environments.

When managing microbiology specimens requires a high-tech solution, SCC's SoftMic is the answer. If you're seeking a paperless environment, you've got it! SoftMic automates the processing of specimens through all stages, from order entry and workup to final reporting – offering a high-tech paperless solution with on-demand work cards, result entry, and flexible reporting capabilities that can substantially improve testing accuracy and report uniformity.

With its seamless operation and automated batch resulting, SoftMic can customize workflow in any environment, increase productivity, improve efficiency, and minimize errors providing real-time patient results and point-of-care quality.

When SoftMic is integrated with SoftLab® and other SCC information systems, common data flows effortlessly throughout the system, increasing productivity and minimizing operating costs.

FEATURES AND BENEFITS

Feature: Combination of Micro and Lab Panic results on one Common Call List

Benefit: Micro and Lab results, which qualified to the panic category in the Common Call List based on user criteria, will display in one combined list streamlining the calling of urgent results to physicians/clinics.

Feature: Integrated Epidemiology Report qualifying Microbiology, Laboratory, and/or Genetic orders

Benefit: Infection Control and Integrated Statistics Reports provide qualification criteria for Microbiology, Laboratory, and/or Genetic orders. One report can incorporate Microbiology, Laboratory, and Genetic results using customizable search parameters for a complete record to aid infection control practitioners, reporting to health agencies, and as a management tool for laboratory staff.

Feature: Ability to work with Micro specimens individually where users can collect, receive, and plate specimens from the Micro tab in Order Entry

Benefit: Accurate information per specimen enables users to see whether specimens were collected, received, and/or plated for specimen tracking and/or worklists decreasing the user time and efforts locating micro specimens.

Feature: Ability to store Requesting Doctor/Clinic and iso ward at test level

Benefit: Micro Results Reports and Epidemiology reports can be generated based on Ward/Clinic at three different levels—Stay, Isoward, and Test—providing more reporting options when multiple tests exist on the same order. When multiple tests requested by different physicians are present on one order, reports can be customized to only include the tests requested by the physician or all tests present on the order. The Call Center has the ability to notify only the Doctor ordering the test or all Doctors related to the order.

Feature: Reflex to specific isolate on one test and/or batch reflex new isolates to multiple tests

Benefit: Batch reflexing of new isolates provides the ability to result multiple orders with the same organism, panels, quantitation, and isolate comments from the worklist thereby reducing manual result entries and increasing efficiency.

Users can easily control the sequence of isolate display on the report and overwrite or modify previous isolate information (organism ID, panel, comment) using one reflex command.

Feature: Ability to define a Micro worklist and qualify Micro orders based on specimen information corresponding to the related Micro test

SPOTLIGHT Feature:

Feature: Real-time view of reportable results in Micro Result Entry
Benefit: Whether a user is resulting from the workcard or from Test, Media, or Isolate screens, a real-time view of reportable results can display. Users can confirm Standard Deviation and Drug Rules while resulting and before saving, with updated display of results with applied rules within the Result Review pane.

Benefit: Having specimens qualify to the worklist defined for a specific status/stop provides increased user productivity. Users can qualify micro orders onto the Micro worklist based on the specimen status and specimen tracking stops.

Feature: Ability to create an unlimited number of Drug, Organism, Test rules with additional conditions/actions
Benefit: Provides the ability for users to define a single rule and attach it to multiple organisms, drugs, and/or tests without creating separately for each, thereby reducing manual setup updates by users.

Provides improved qualification and search capabilities in Epidemiology reports and custom SQLs.

Provides the following options in the "Associated Item" field and allows linking to the rule:
- Test – allows linking of rule directly to individual test.
- Drug – allows linking of rule directly to drug.
- Organism – allows linking of rule directly to organism.

Provides additional conditions to qualify results:
- Patient Age at collection – rules can trigger at patient's current age or age at collection. This is especially helpful with pediatric/newborn patient populations.
- Related Test – checks any test and test comment that belongs to current order.
- Previous Result – allows Micro result Delta checking.

Provides new actions to be triggered by rules:
- Suppress drug interpretation – allows individual drug result/value to be reported independent of interpretation.
- Suppress drug result – allows individual drug interpretation to be reported independent of value/result.
- Cancel test – allows automatic cancellation of one test based on results of another test.
- Critical – provides automatic flagging of results as critical based on user-defined criteria.
- Verify Results – allows automatic verification of manually or instrument-posted results based on user-defined criteria without user intervention.
- Result Delta checking – allows checking of previous results and notification of user when change noted.

New apply:
- By system – action of rule is applied without user intervention.

Feature: Expanded Organism/Drug/Panel setup
Benefit: Drugs can now be grouped in classes allowing rules to be created for either an individual drug or a class of drugs.

Unlimited organism classes, alternative organisms, and drugs on panels can be defined allowing greater system flexibility. An unlimited number of drugs can be resulted either manually or posted by an instrument improving treatment options for patient care.

Feature: Autoverification of isolates at the isolate level
Benefit: Micro results posted from an instrument can be verified without user intervention. Tests linked to the verified results can be automatically statused providing quicker sending of results to reporting systems. Rules can be defined to prevent autoverification and subsequent test statusing if results trigger certain rules on QC violations.
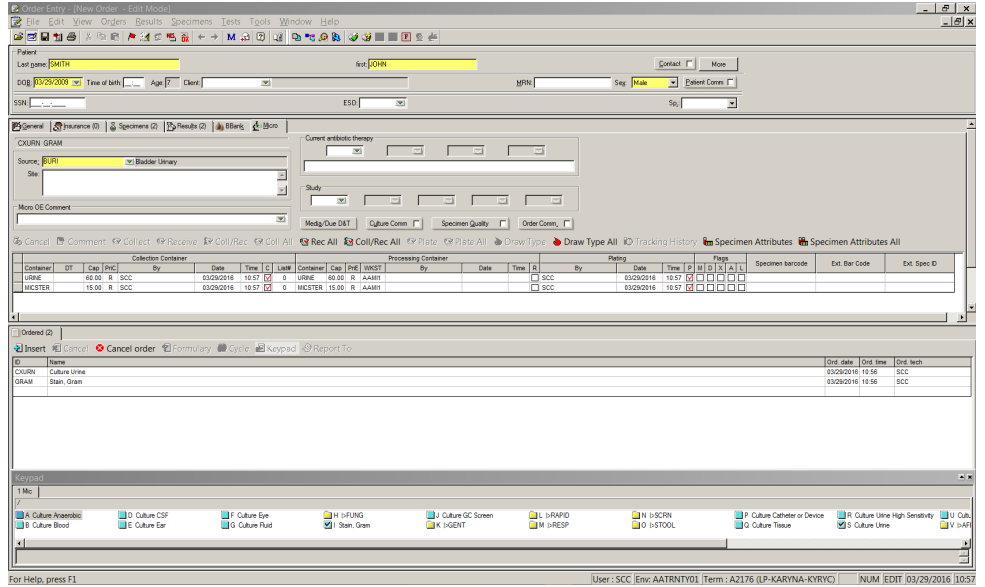
Feature: Ability to remote receive Micro specimens through a Receiving Worklist.
Benefit: Performance is enhanced by allowing users to remote receive Micro specimens through a Receiving Worklist based on the workstation from which the Micro specimen was ordered in SoftLab without bridging to Order Entry or Specimen Tracking.

EPI Report window

Main screen of Epidemiology showing the various Report Types and product-specific tabs. SoftMic integration with Lab and Gene modules to provide the Integrated Statistics Report type that allows users to create a consolidated report including results from SoftLab, Gene suite, and SoftMic.

RULE setup

The new Rules table for Drug and Standard Deviation rules allows for simplified definition of multiple conditions and actions.

Standard Deviation Rule Violation

The new SDR pop-up screen allows users to address identified organisms individually. Also shows in an easily readable presentation.
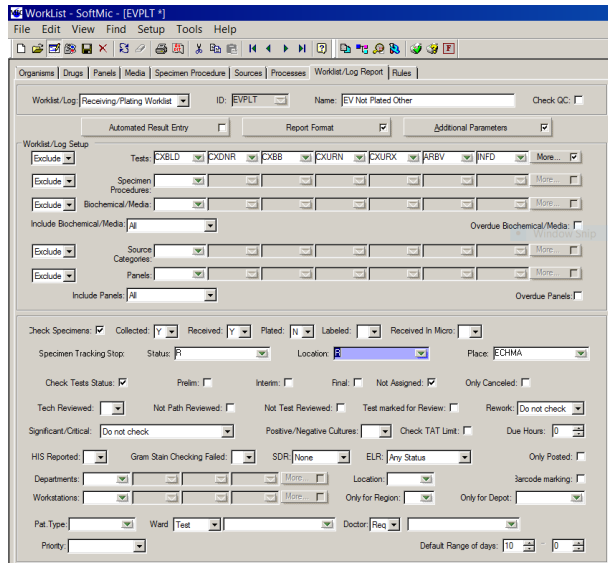
Order Entry window

From the new specimen grid in the Micro tab in Order Entry, users can collect, receive, and plate each specimen individually. With just a glance at this tab, users can accurately determine the correct status of a specimen.

SoftMic Worklist Setup window

Users can track specimen stops through a worklist by qualifying micro orders based on the collected, received, and/or plated status.

Worklist setup/Additional Parameters window

The new Remote Received check box in the Additional Parameters window is used to remote receive Micro specimens through a Receiving Worklist.