

SCC's Blood Services Information Systems Suite®

SoftBank.web™



Safe blood products for your diverse needs

SoftBank.web™— SCC Soft Computer's award-winning blood bank and transfusion service information management system — combines current high-performance functionality with exciting features to provide a comprehensive, cost-effective pre-transfusion testing, and inventory management solution.

SoftBank.web™ uses a web based user interface. The application can run on Linux® or IBM AIX operating systems. This agile, reliable, and flexible blood bank system can be deployed



in house using IBM or Intel-based hardware, or can be hosted in the cloud. SCC's use of an ESB (enterprise service bus) makes EHR (electronic health record) interfacing effortless. The database is Oracle®, a highly reliable and scalable relational database that enables encryption of data at rest. SCC directly connects to blood bank instruments increasing the level of security and avoiding a middleware layer of technology.

As a major asset to the laboratory, SoftBank® provides critical safety functions throughout the system, allowing users to focus on what's important: providing safe blood components and derivative products to their patients.



SoftBank is a centralized transfusion service management system, designed and developed in 1992. The first version, released in 1993, provided a comprehensive, cost-effective pre-transfusion testing and inventory management solution for SoftLab® clients and those using other HIS/LIS solutions. Over the years, SoftBank has evolved to keep up with regulatory changes and with the addition of interfaced instrumentation. Two reasons for the product's success are SCC's commitment and funding for steady and constant improvement of SoftBank for nearly 30 years, and input from our dynamic client base.

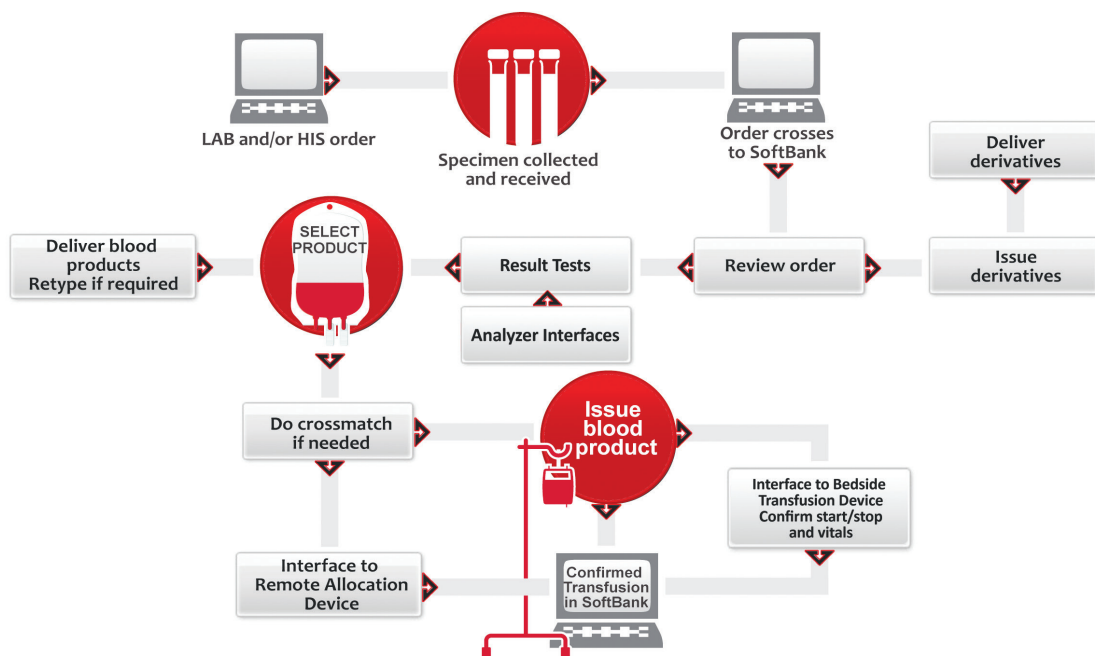


*Gilbert Hakim,
SCC's Founder and CEO*

SoftBank workflow

SoftBank is designed to streamline many of the routine, manual, and time-consuming tasks associated with blood bank protocols.

These timesaving improvements translate into revenue for your transfusion services. The diagram at right depicts the SoftBank workflow.





In today's fast-paced, highly regulated transfusion service setting, it is important to provide safe products to accommodate the diverse needs of a complex multisite facility, as well as the highly specialized needs of a single site facility.

FEATURES AND BENEFITS

Feature: Multisite Capabilities

Benefit: SoftBank's multisite capabilities support patient orders and product inventory from multiple facilities—including facilities across multiple time zones—in one centralized database. Master Patient Index (MPI) allows online history review for patients with stays across facilities. The SoftBank system also supports the use of centralized transfusion testing; one site can perform testing for several sites while allowing each site to maintain its own product inventory. The SoftBank system allows users to customize their ABO and Rh alternative product selection by site in order to adapt to various workflows from site to site. Users can select and issue products based on the needs of the individual sites.

Feature: Interfaces

Benefit: Multiple interfaces are available for device communication:

- Interfaces from automated blood bank instruments to SoftBank enable the transfer of test results generated by the instrument for verification and posting to patient records.
- An irradiator interface allows for the transmission of irradiation process data to SoftBank.
- Interface to storage devices allows remote allocation of products with detailed reports for unit history.
- Interface to bedside transfusion devices, such as SCC's SoftID.Tx[®] positive patient transfusion administration system, facilitates more accurate patient identification.

Feature: Efficient Workflow

Benefit: Transfusion service daily workflow efficiency can be improved with the use of features such as online worksheets to allow the batch processing of specimens and batch modification of blood products. The SoftBank system also provides users the option of using automatic interpretation; the system will enter a result interpretation based on the entered results and logic table comparison.

Feature: Trauma-Emergency Issue

Benefit: During trauma situations, the SoftBank system will allow multiple users to perform tasks on a single patient simultaneously while maintaining patient safety. Emergency issue combines the unit selection and issuing process to provide products for a patient in a time-saving manner.

Feature: Neonatal Functionality

Benefit: The SoftBank system allows the linking of a newborn to the mother using the mother's Medical Record Number. When products are selected and dispensed, the system checks the neonate's blood type as well as the mother's blood type. For qualifying specimens, the system will allow the neonatal specimen to be valid for up to 120 days without requiring additional testing or crossmatches.

Feature: Inventory Management

Benefit: SoftBank provides tracking for various products including blood, cellular therapy, breast milk, and derivatives from receipt to final disposition. Products can be delivered into the system manually or in an electronic format. The system includes online utilization reports, inventory reports, and product history.

FEATURES AND BENEFITS

- Feature:** Component Labeling
Benefit: SoftBank provides ISBT-compliant labels and label verification during the blood product modification process. The SoftBank system can generate ISBT labels as well as interface to a third-party labeling company.
- Feature:** Supply Tracking
Benefit: The SoftBank system allows for the tracking and inventory of supplies used in the daily operations of a transfusion service. During component modification, users can document the supply that was used during the modification process.
- Feature:** Management
Benefit: Management reports assist in meeting stringent quality requirements and can be generated across facilities. Online tools such as supervisor review of daily activities—including test results, daily QC, and exception reports—enable managers to use their time effectively. Features such as audit trails and daily traces are provided for monitoring activities and changes.

SAMPLE SCREENSHOTS

Patient Orders - Display

WebScape is a new and improved product with a crisp and clear display. Colorful icons make navigating the system quick and simple, and accentuated sub-options make identifying your current location effortless. Demographics displayed in a ribbon format allow for easy readability of patient information.

Product Orders Service - Select

The Product Orders Service > Select option allows users to select blood and blood products to fill patient orders. Based on user preference, units can be selected by scanning the actual unit number with a bar code reader or selecting from a list. Labels and transfusion slips for products not requiring a crossmatch can be printed once the selection process is complete.

Worksheets

The Results > Worksheets > Enter results option allows users to manually enter results into the database. This centralized location facilitates the process of resulting tests which increases efficiency and optimizes user workflow.

The U.S Food and Drug Administration has granted 510(k) clearance to SCC's SoftBank.web™ version 25.6 (BK200531 12/18/2020).

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