

SoftBI[®] for SoftBank[®]



The premier Business Intelligence product line for productivity and efficiency analyses, SCC Soft Computer's SoftBI leverages industry leading data visualization software such as Tableau* and PowerBI* against SCC's LIS Data Warehouse.

SoftBI, SCC's business intelligence system, is the data analytics and visualization application of choice for blood banks and transfusion services departments of all sizes.

This interactive business intelligence solution enables users to integrate administrative data for management reporting, trending, and research. SoftBI supports activities such as transfusion reporting, staffing, processing turnaround time statistics, donor recruitment, and product inventory management.

SCC's Blood Services SoftBI module offers interactive drill-down style reports that will enhance your view of key blood bank performance indicators.

FEATURES AND BENEFITS

Feature: Blood services dashboards.

Benefit: SCC has prepared report packages specific to blood bank and donor productivity optimization to enable supervisors and managers to focus on decision-making.

Feature: Turnaround time dashboards.

Benefit: Identify trends and actively identify opportunities to improve staffing schedules, processes, and workflows. Accurate, up-to-the-minute turnaround time reports are included.

Feature: Inventory management.

Benefit: Access your inventory of available units and blood products interactively. View the overall status and processing history of the available products/units as well as those that are soon to be expiring.

Feature: SCC data warehouse.

Benefit: SCC has developed powerful data management services and a data warehouse. SoftBI will make data mining across SCC product databases a reality.

Feature: SoftBI supported design software.

Benefit: SoftBI clients choose between two leading feature-rich design software platforms: Tableau Desktop and Server* or Microsoft's PowerBI Pro*. With these tools, SoftBI users interact with real-time data in the warehouse, quickly and effectively change the presentation of information, and drag and drop data onto reports to create lightning-fast reports using their preferred reporting software.

Feature: SoftBI user portal.

Benefit: The User Portal provides a modern Web interface to supply real-time reports to end-users in a familiar format. Published reports are available on-demand around the clock. An advanced set of user and group permissions provides for customized, secure access.

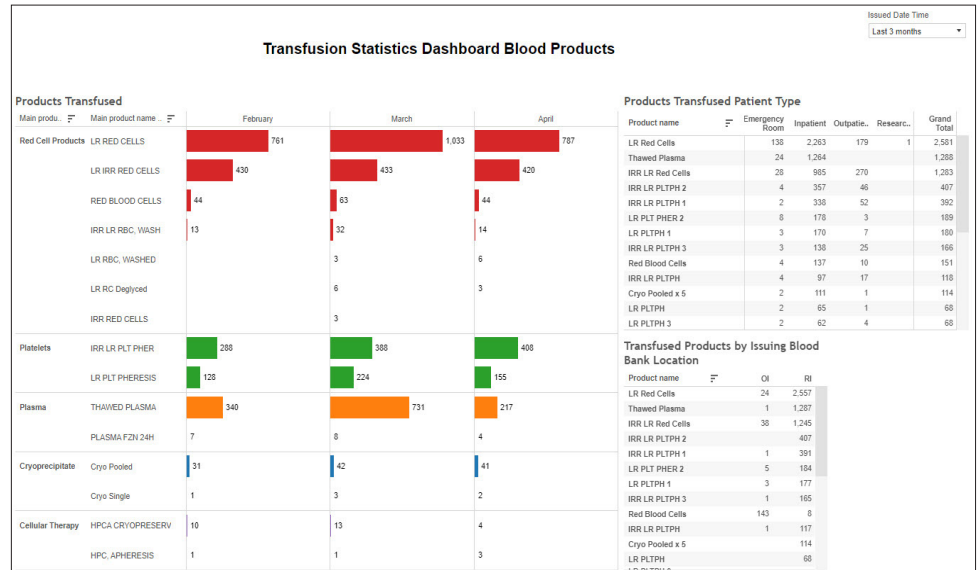
Feature: Ad hoc data mining.

Benefit: SoftBI uses advanced technology that provides extremely fast access to data with a powerful user interface enabling reports professionals to create meaningful reports with minimal development.

SAMPLE SCREENSHOTS

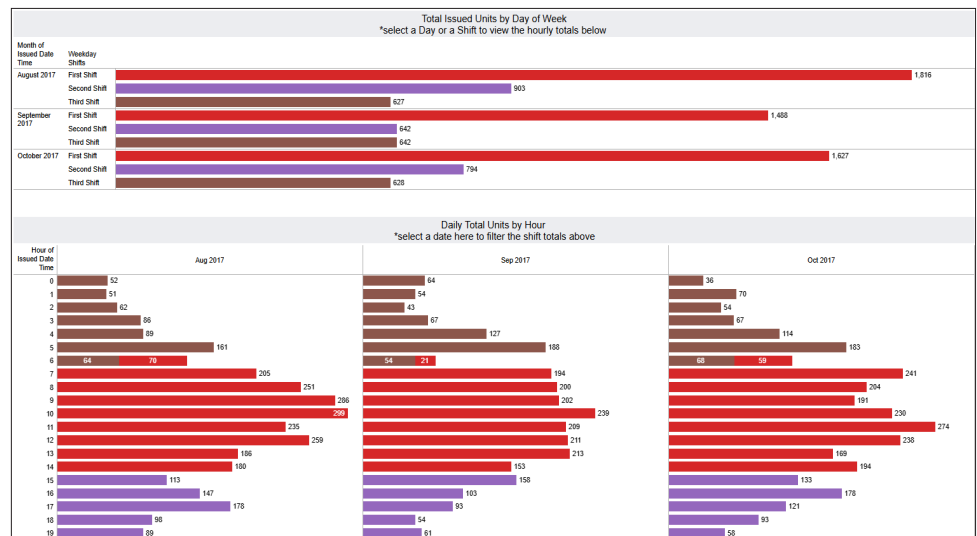
Transfusion Statistics Dashboard

Dashboard with three reports: interactive bar graph showing the transfused blood products by month, total transfusions of blood products by patient type and blood products issued by bloodbank location.



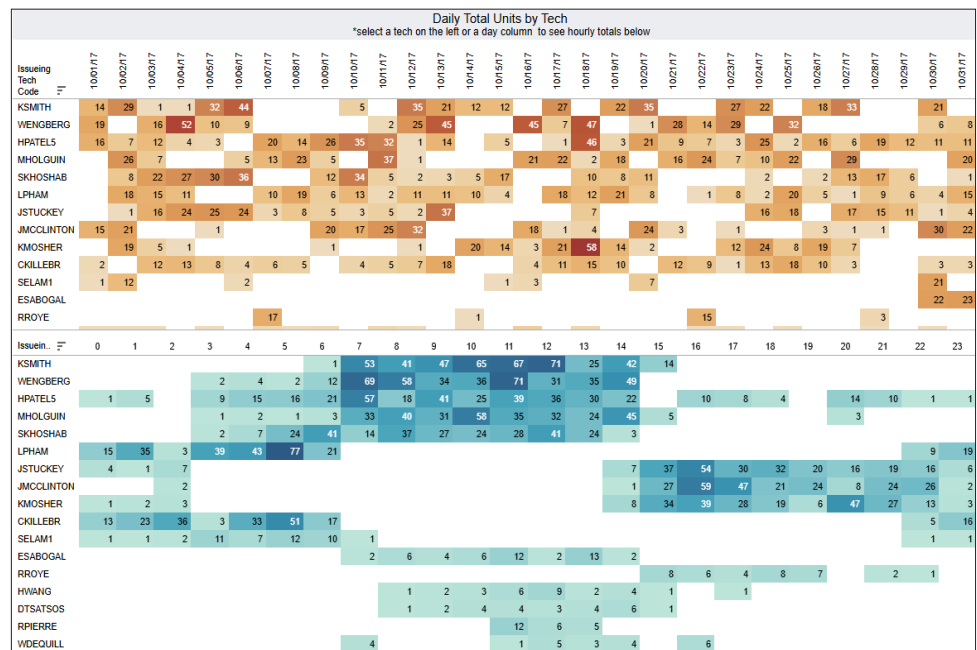
Workload Dashboards

Compare workload of each Blood Bank shift by day, month and year. This template workbook can be adjusted to track various metrics important to the operation of Transfusion Medicine departments. Shown here is the iteration tracking the total number of units issued across all blood banks in the network or separately. Interactive filtering supports drill through to hourly volumes and drilldown to row level detailed reporting on each unit issued.



SoftBI Workload – Issuing Technicians

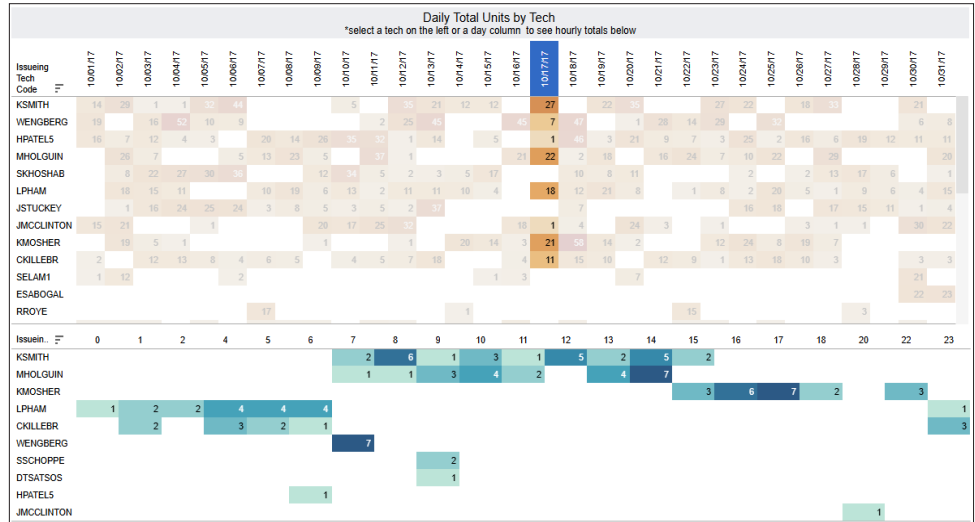
The Heatmap view shows the number of issued units by each technician per day. The hourly volume report at the bottom displays the shifts in which the units were issued. Interactive filtering empowers users to see the hourly totals throughout a selected day.



SAMPLE SCREENSHOTS

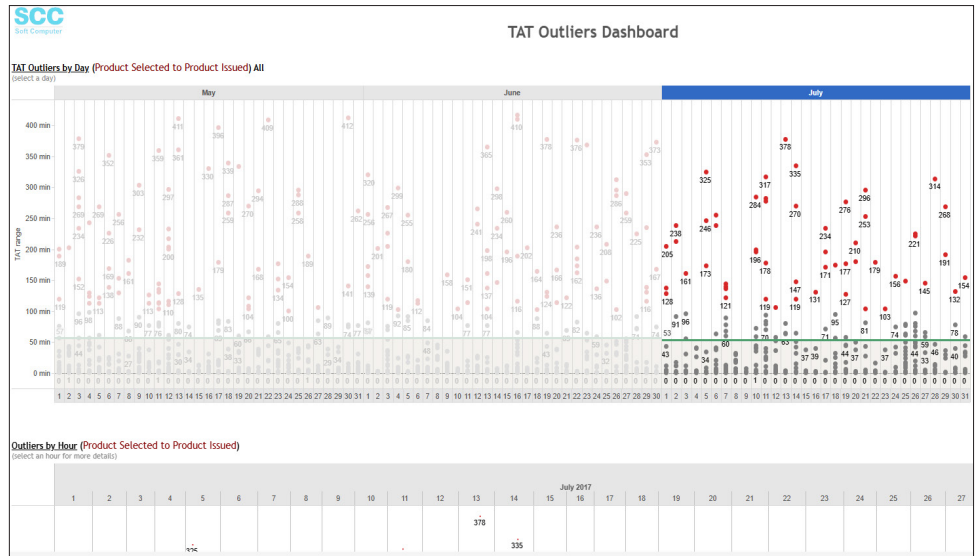
Technician Workload

Compare the daily, hourly totals for several key tasks in the blood bank. The template report displays a heatmap highlighting the total number of issued units by technicians. The interactive filtering in this view allows users to focus on a technician, or a specific day to view daily and hourly totals. Drilldown filters display the list of units issued with details.



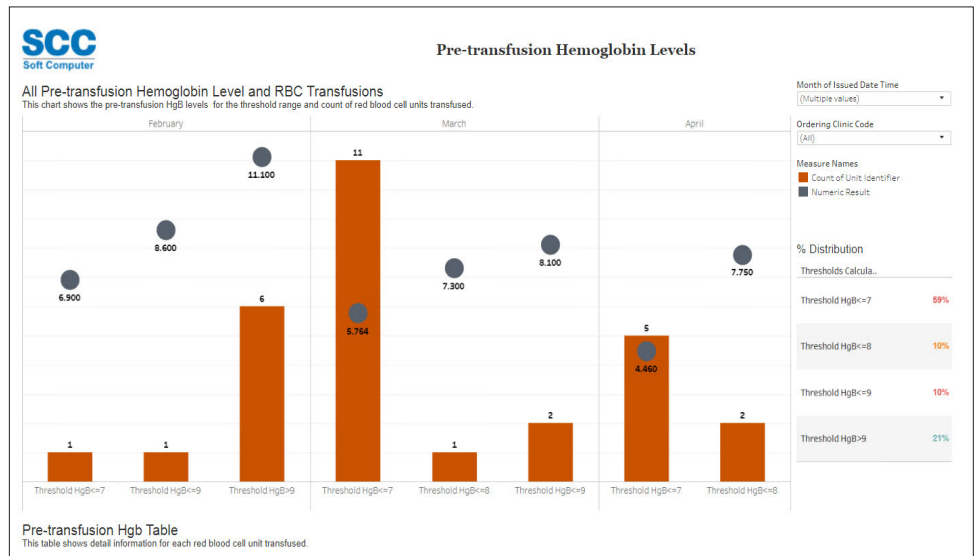
Workflow Duration

Accurately tracking the time spent on key steps in processing and issuing blood products is essential for assessing blood bank operations. Turn-around times for key events such as Requesting Order Received date to Unit Issued date, Transfusion duration, Test Result TAT are just a few of the available options. This display example enables users to review outliers and explore potential causes of extended durations when issuing selected products in the SoftBank application.



Pre- and Post-Transfusion Test Results

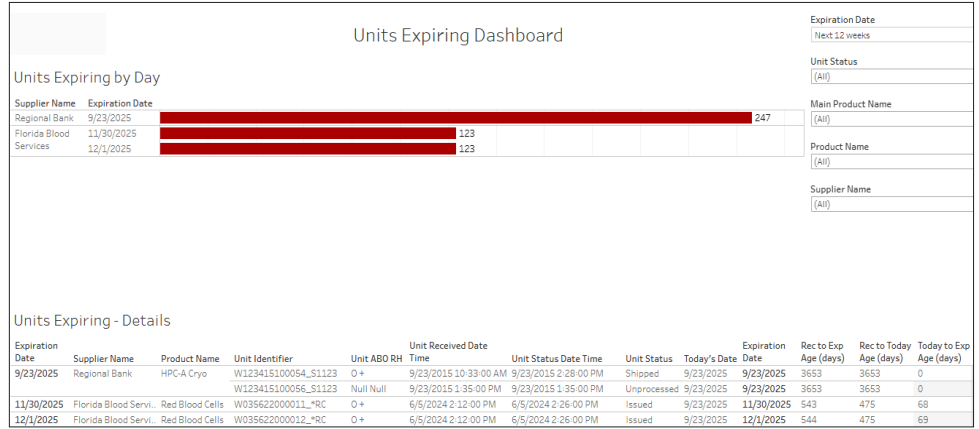
Review test results for patients with transfusions of specific blood products with interactive dashboards and detailed reports. This example shows the results of Hemoglobin, Fibrinogen, INR, and Platelet counts and associated product transfusions before and after transfusions are administered.



SAMPLE SCREENSHOTS

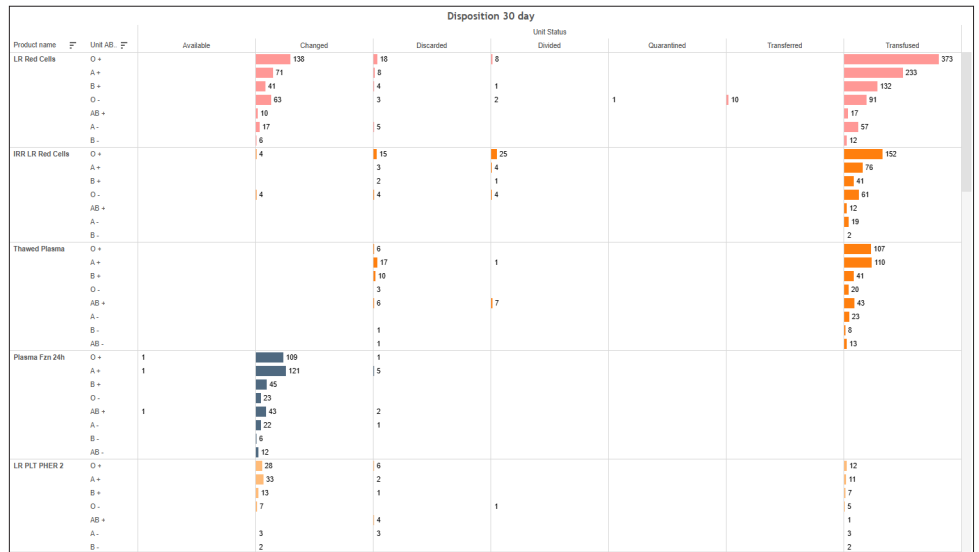
Expiring Units

Manage unit inventory, track the age of units in your system and look forward in time to see when units in inventory will expire. Select a Regional blood supplier to see the units received from that source in a detailed view. The package includes several dashboards that detail various unit statuses, along with templates for Wastage reports.



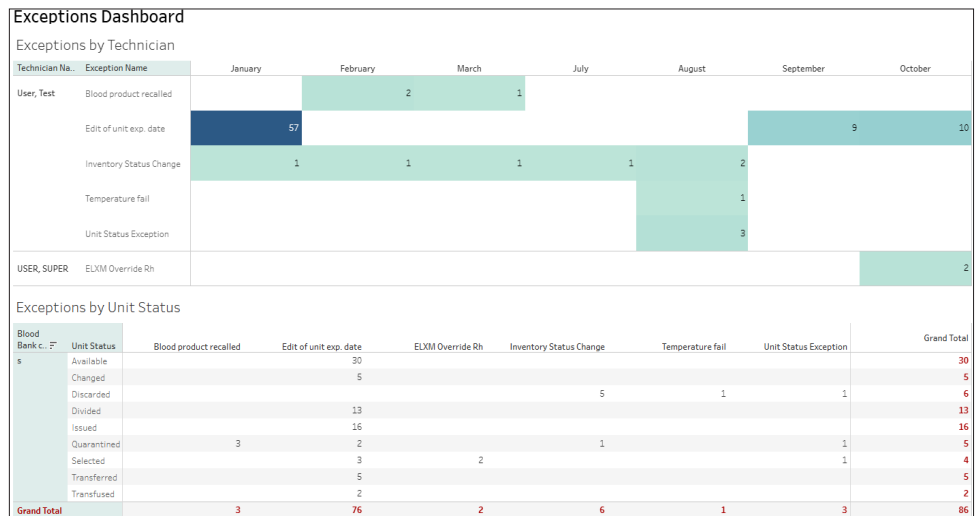
Unit Disposition

Users can quickly view the inventory and status of blood products by location, blood type, and disposition through various dashboards and detailed reports. With interfaced refrigeration units, blood bank managers can know exactly how many units are available and where they are stored.



Exceptions Dashboard

Track the exceptions that SoftBank is generating when users commit certain actions in the SoftBank application. Easily find out who is triggering which warnings most often monthly and across all blood banks in your network.



*Third-Party Software sold separately.

The U.S. Food and Drug Administration has granted 501(k) clearance to SCC's SoftBank version 25.5 (BK140128 08/05/2014).

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