

SoftBI[®]



SCC Soft Computer's premier business intelligence product line leverages industry-leading data visualization software to analyze data from SCC's SoftBI[®] Data Warehouse.

SoftBI[®] is a data analytics and visualization application for hospitals and clinical laboratories of all sizes and types. This business intelligence solution can be used to integrate laboratory data with administrative data requests for management reporting such as staffing and workload, result trending, and research activities. SoftBI[®] also supports activities such as billing, payment tracking and pricing.

SCC's complete line of business intelligence products includes a full suite of interactive drill-down style reports that provide critical operational data, analytical and statistical data, laboratory efficiency data, various productivity analyses, and other reports involving data from all SCC's clinical and ancillary applications.

FEATURES AND BENEFITS

Feature: SCC data warehouse.

Benefit: SCC has developed a powerful data management service and data warehouse. SoftBI[®] makes data mining SCC products with your visualization software simple and multi-site LIS reporting a reality. Add your external data for expanded knowledge benefits.

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: Productivity dashboards.

Benefit: SCC has prepared report packages specific to laboratory-related business intelligence and productivity optimization to enable users to focus on the decision-making process rather than the finer points of SQL. These laboratory productivity dashboards enable users to identify trends and proactively prevent deficiencies in current processes and workflows. Accurate, up-to-the-minute turnaround time reports are included.

Feature: Workload dashboards.

Benefit: Using data from any SCC module, SoftBI[®] provides prepared report packages specific to laboratory task-oriented workload across all sites, departments, workstations, and individual technicians. Workload dashboards enable users to identify increases in orders and specimens over time so that labs can react properly to new challenges and demands.

Feature: Laboratory process analysis.

Benefit: SCC's core product generates activity records as various lab processes are completed. These steps are recorded and are trackable by mining the application databases for specimen and slide preparation steps and completion times. Task duration reports are included.

Feature: SoftBI[®] for SoftA/R[®] reports suite.

Benefit: SoftBI[®] report templates take advantage of easy-to-use reports visualization tools offered by Tableau Software* or PowerBI*. These tools fully support an array of drilldown functionalities from the SoftBI[®] data warehouse by including active link options between prepared reports.

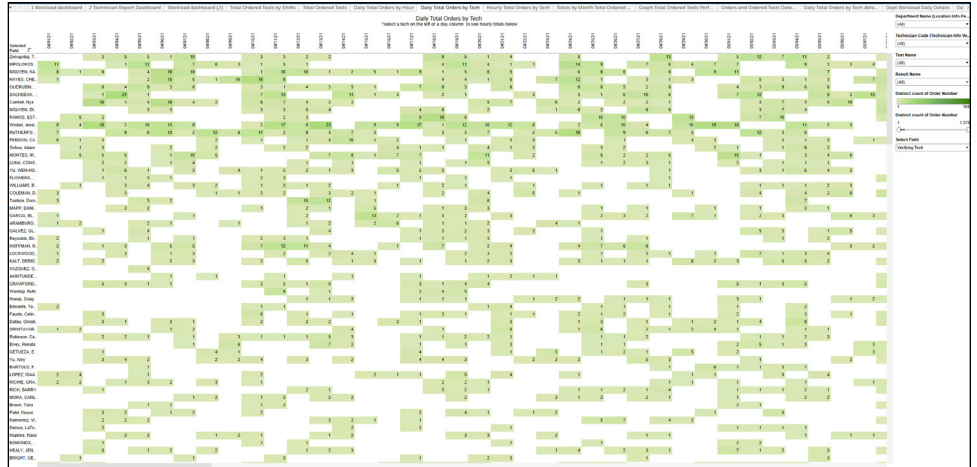
Feature: Ad hoc data mining.

Benefit: SoftBI[®] clients may choose the visual reporting software technology for data mining.

SAMPLE SCREENSHOTS

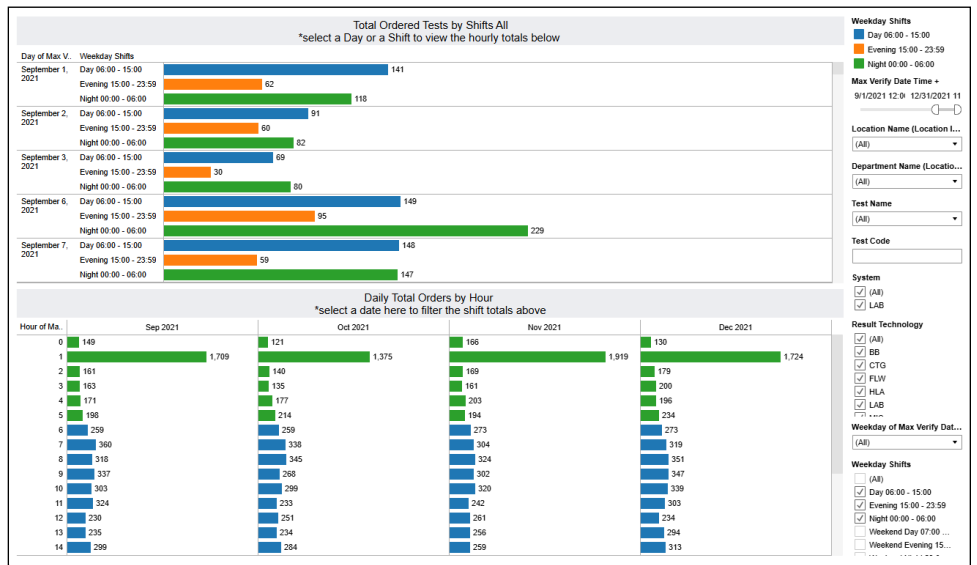
Total Orders Heatmap

View workload for receiving tech and workstation per day. This dashboard is also implemented with various metrics depending on end user specifications. As with all dashboards, this template may include any number of criteria filters in the normalized result datamart.



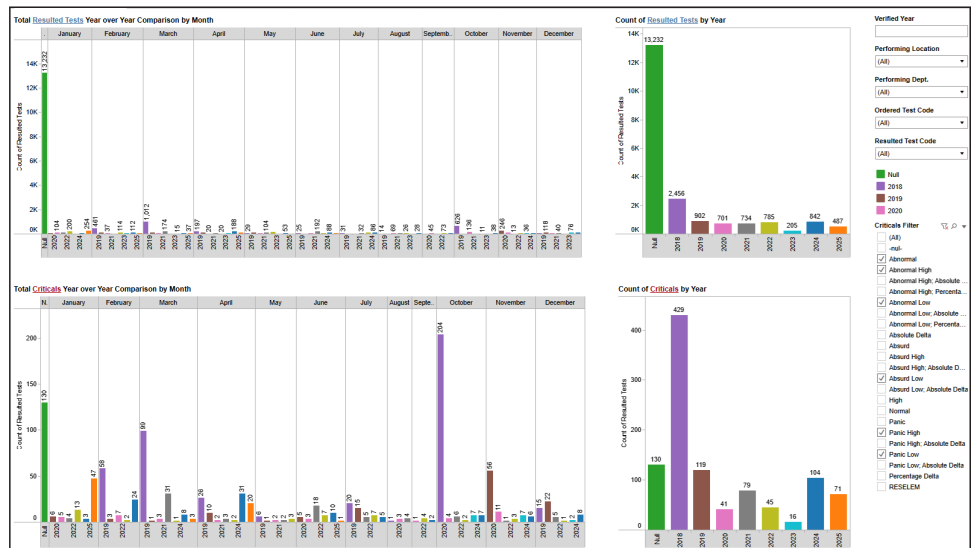
Total Ordered Tests by Shift

This interactive dashboard enables users to see the volume of ordered tests processed according to the work shifts the results were verified. The upper dashboard report elements are linked to dynamically filter the lower report using the selected day or shift to show the hourly volume. Criteria filters are included to allow dashboards to become location specific or test specific.



Test Counts Dashboard - Year to Year Comparison

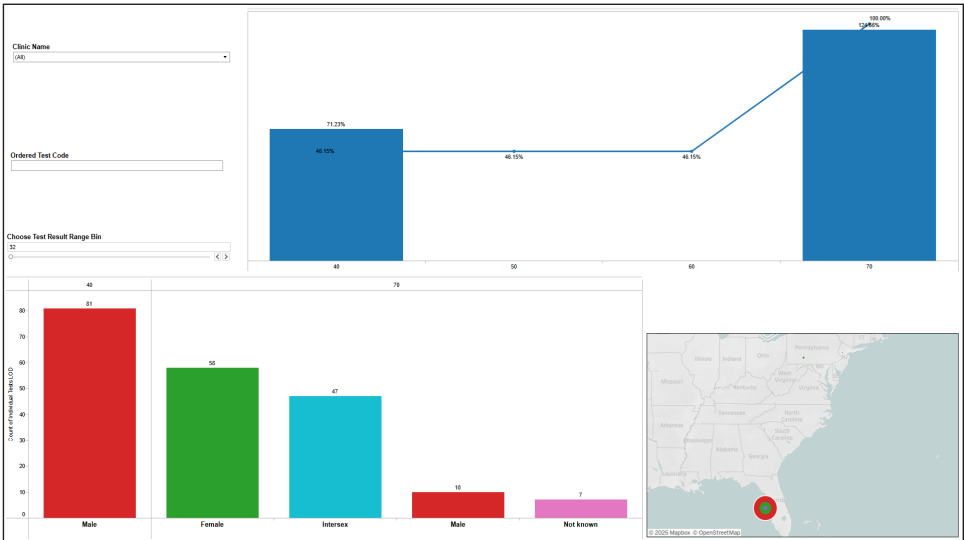
Template dashboards include various displays of tests ordered with data compared side by side from year to year and month by month. Prepared drill-down reports are standard details supplied with all workbooks. Interactive context filters allow dynamic drill down reports.



SAMPLE SCREENSHOTS

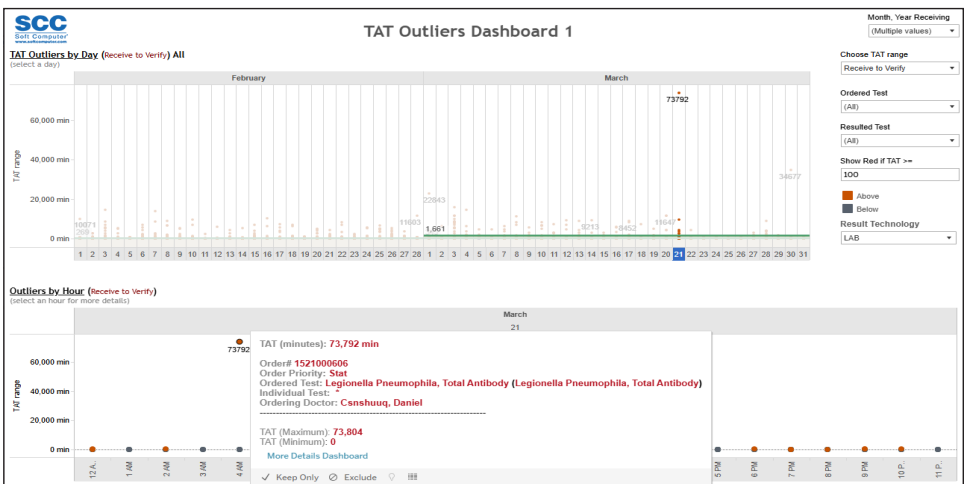
Patient Population Demographics

This dashboard is customizable to any tracked demographic with filtering criteria that can be added to the filtering options.

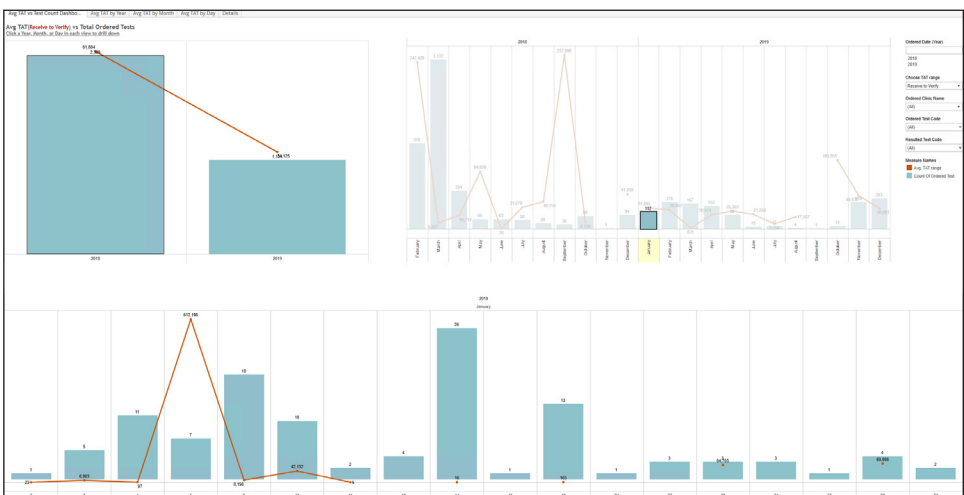


Turnaround Time Outlier Metadata and Drill-Down Link

The TAT Dashboard contains detailed information activated by hovering over a specific test in the Outliers by Hour report. Select the Details link to view a crosstab display of the source data.

Received to Verify
Turnaround Time Summary

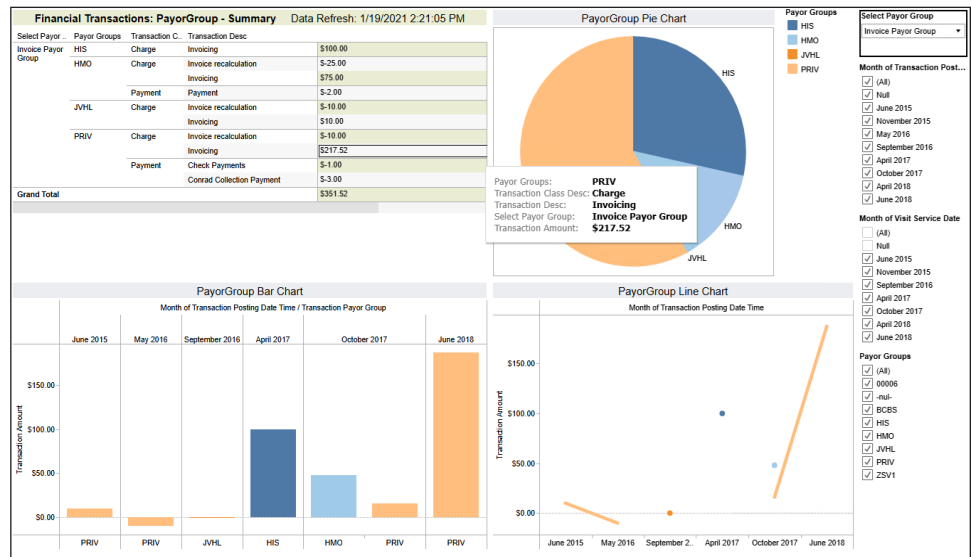
This highly customizable dashboard features dynamic context filters (the lower graph will change depending on the selected date as shown). The selected Turn Around Time measure is displayed with the total number of orders verified for the selected time frame.



SAMPLE SCREENSHOTS

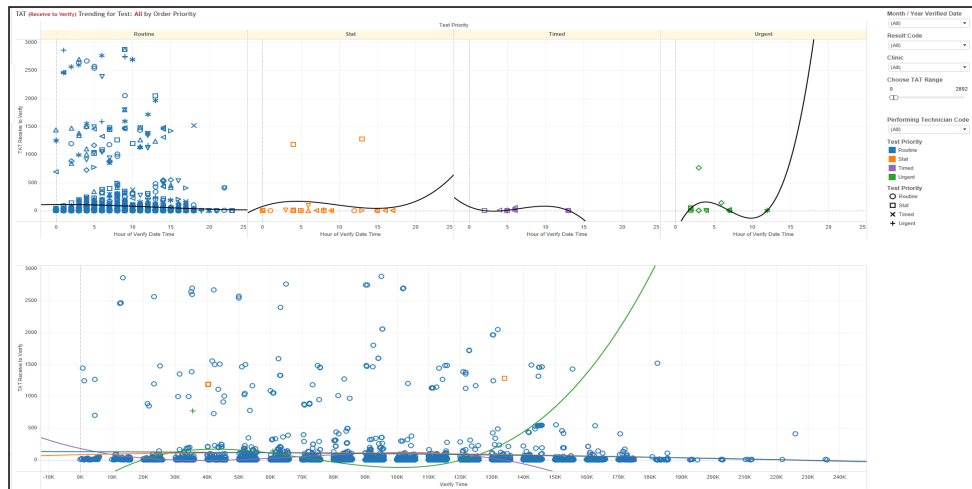
A/R Risk Matrix Aging Invoices by Current Payor

The SoftBI®-SoftA/R® reports suite contains dozens of Financial, Operational, and Laboratory Statistical reports. The image on the right shows the SoftBI® User Portal view of the Aging Report, displaying the total number and dollar amounts of outstanding invoices by current payor.



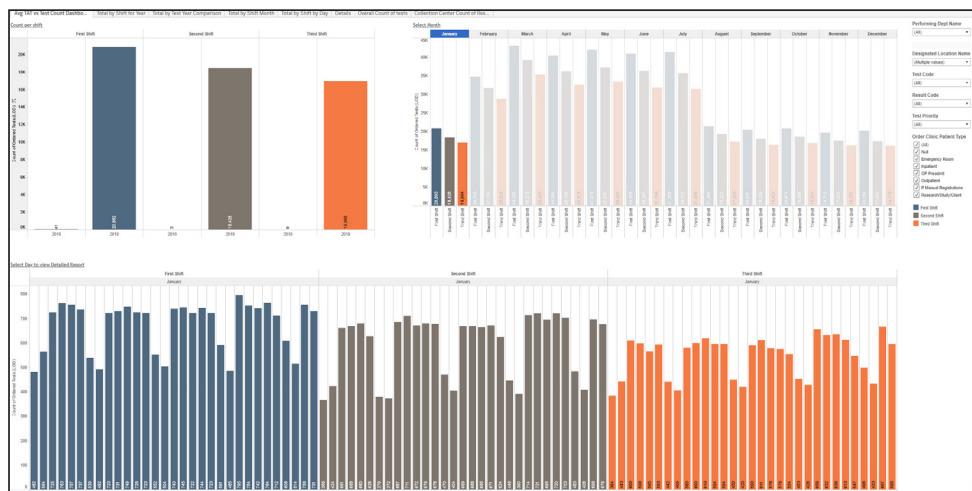
TAT Trending Scatter Plot

Identify patterns and trends in your turnaround times of specific tests for a range of dates. Do you see the clusters of high turnarounds? The filter criteria displayed are flexible and can be changed interactively.



TAT and Test Count Statistics by Year, Month, and Day

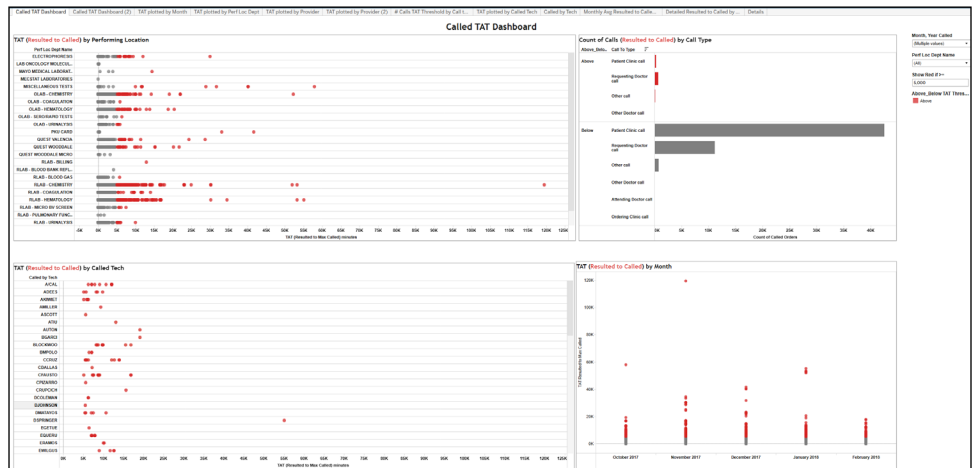
The dashboard shows average turn-around times and total ordered test counts for selected workstations, clinics, and tests by Year, Month, and Day. The dashboard has active point-and-click filters. Simply click the year in the first report on the dashboard to display that year in the turnaround times By Month report. To view the drill-down report, select a month and mouse over the TAT By Day report to view the detailed report.



SAMPLE SCREENSHOTS

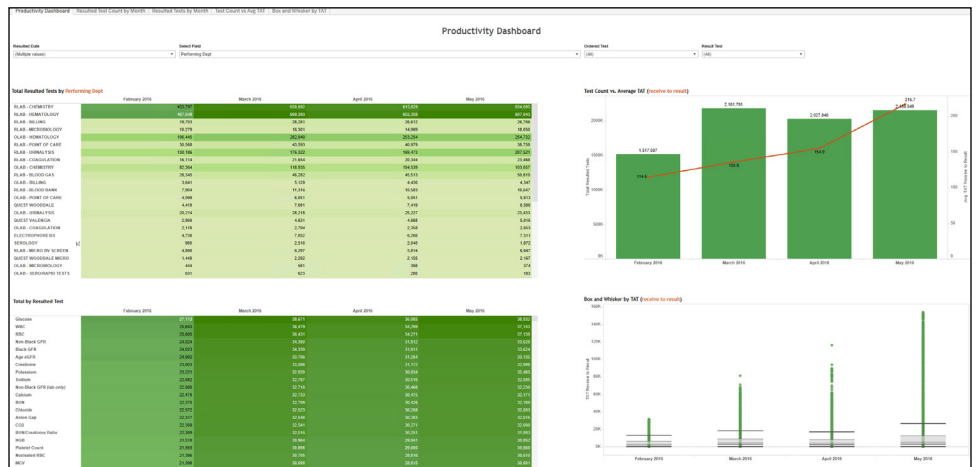
Called TAT Dashboard

Display statistics related to calling practitioners. See TAT above and below, with established SLA thresholds for all performing labs — broken down by technician and overall, by month. Prepared drill down reports allow various views of underlying data.



Productivity Dashboard

This dynamic template dashboard displays the number of orders, tests, or specimens grouped by selected parameter fields. The standard report allows users to select from showing totals by ten typical fields. This dashboard is easily converted to support any metric such as specimen received, blood products issued, and test counts.



*Third-Party Software sold separately.

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