

Bloodstream

SOFTWARE

What's Your Plan to Do More with Less?

Increase your NAT lab's productivity
and operational efficiency from
a single point of management

SCREENING

GRIFOLS

Doing More with Fewer Resources

Blood banks must maintain adequate blood supply and ensure a high level of safety with fewer resources. Delay in blood delivery is unsatisfactory. What if there was a way to do more with less?

Eliminate the need for multiple techs to perform repetitive tasks, allowing your staff to spend their valuable time ensuring that safe blood products are delivered to patients on time. Bloodstream Software offers real-time management of reagents and samples for multiple instruments from a single point of contact.

Increase your lab's productivity and operational efficiency while empowering your staff with a tool that can oversee your NAT lab from a single device.

Bloodstream Software is a tool that connects you to your NAT lab; it helps the lab expedite results' release, which translates to getting blood products to patients faster.

Reduce Bottlenecks

- Eliminate repetitive tasks
- Deliver blood products on time
- Manage samples and reagents in real time
- Oversee multiple instruments from a single location

Eliminate Bottlenecks

Increase Efficient Use of Resources

- Real-time feedback: constantly monitor instrument status including maintenance tasks and resource requirements
- Tighten control of test result release times
- Reduce duplicate testing

Sample and Reagent Management

- Track donations and tests
- Daily reagent forecast provides greater control of reagent preparation
- Create client profiles
- Specify priority
- Add a test to an order automatically through a bidirectional LIS interface or remotely through a mobile device
- Automate release of non-reactive results
- Customize retest and reflex testing algorithms

Graphical User Interface

- Web-based application allows you to access your data using a web browser on any workstation
- Powerful filter tools show the data you need without distraction of data you don't need to see
- Notifications and sticky notes provide instructions and feedback to other users
- Use on Android tablet device to manage your data on the fly

Ensure the right test is being done on the right sample at the right time.

Bloodstream Benefits by Feature



Workflow

Reduce touchpoints:
Real-time dataflow from all instruments to Bloodstream allows you to remotely monitor the status of all NAT instruments from one place.

Continuous results review and release:
Review and release results continuously from a single screen, decreasing user interactions.

Multi-site capabilities:
Review instrument status, results, and donations from multiple sites from a single location.



Real-time Monitoring

Sample status: Change priority, add or remove tests, and automatically create retest orders for invalid results.

Status of instruments and reagents: Provides real-time knowledge of the number of samples loaded, the tests on the instrument for each assay, and consumable threshold levels.

Alerts user on time:
Displays warnings about calibration, maintenance, and consumables. If an action is necessary, the next action to take is displayed along with when it is due.

Monitor turnaround time:
Instruments' dashboard statistics show you the time when next and last results are expected from each instrument, plus the total number of tests completed.



Traceability

Complete lab history database: Easily find any previous result and test history on a specific sample, regardless of which Procleix instrument ran the sample.

Reagent management:
Ensure a reagent quality check throughout the entire process with a holistic view of all temperature-controlled parameters (ie, open stability, onboard time left, master lot expiration date, etc.).

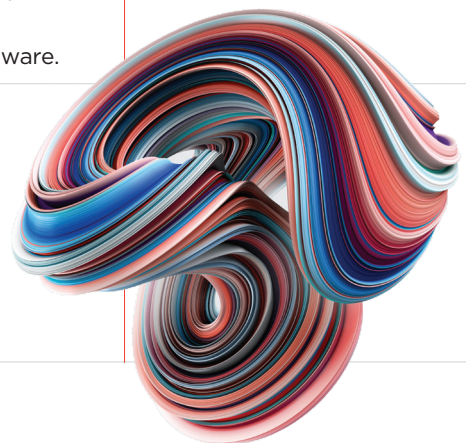
Paperwork reduction:
Eliminate paper used for tracking in your NAT lab (ie, maintenance, notifications to other users, etc.). Record all this data in Bloodstream Software.

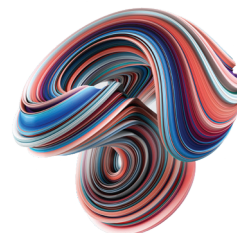


Data Management

KPIs: KPI management enables you to understand the performance and health of the laboratory and allows you to make critical adjustments to achieve your goals.

Custom Reports:
Create reports with the data that suits your laboratory's particular needs, which will help translate data into actionable insights for better decision making for your laboratory.





Technical specifications

LOW COMPLEXITY (<1K DONATIONS/DAY)

CPU	Dual Core Processor
Memory	6 GB RAM
Hard drive	500 GB
Operating system	Supported 64-bit Server OS

MEDIUM COMPLEXITY (1K-10K DONATIONS/DAY)

CPU	Quad Core Processor
Memory	8 GB RAM
Hard drive	1 TB
Operating system	Supported 64-bit Server OS

HIGH COMPLEXITY (>10K DONATIONS/DAY)

CPU	8 Core Processor
Memory	16 GB RAM
Hard drive	5 TB
Operating system	Supported 64-bit Server OS

SUPPORTED WEB BROWSERS

Microsoft Edge (version 83.0.478 or higher)
Google Chrome (version 90.0.4430.93 or higher)

SUPPORTED OPERATING SYSTEMS (64-BIT)

Windows 10 Professional
Windows Server 2012 R 2
Windows Server 2016
Windows Server 2019

Product registration and availability vary by country. For more information, ask your local Grifols representative.
Technical specifications applicable to locally owned and operated equipment; discuss purchase with your IT professional.