



BloodTrack[®]

Blood Management and Bedside Transfusion Solutions

- Enhance** patient safety.
- Maintain** traceability.
- Reduce** waste.





BloodTrack[®]

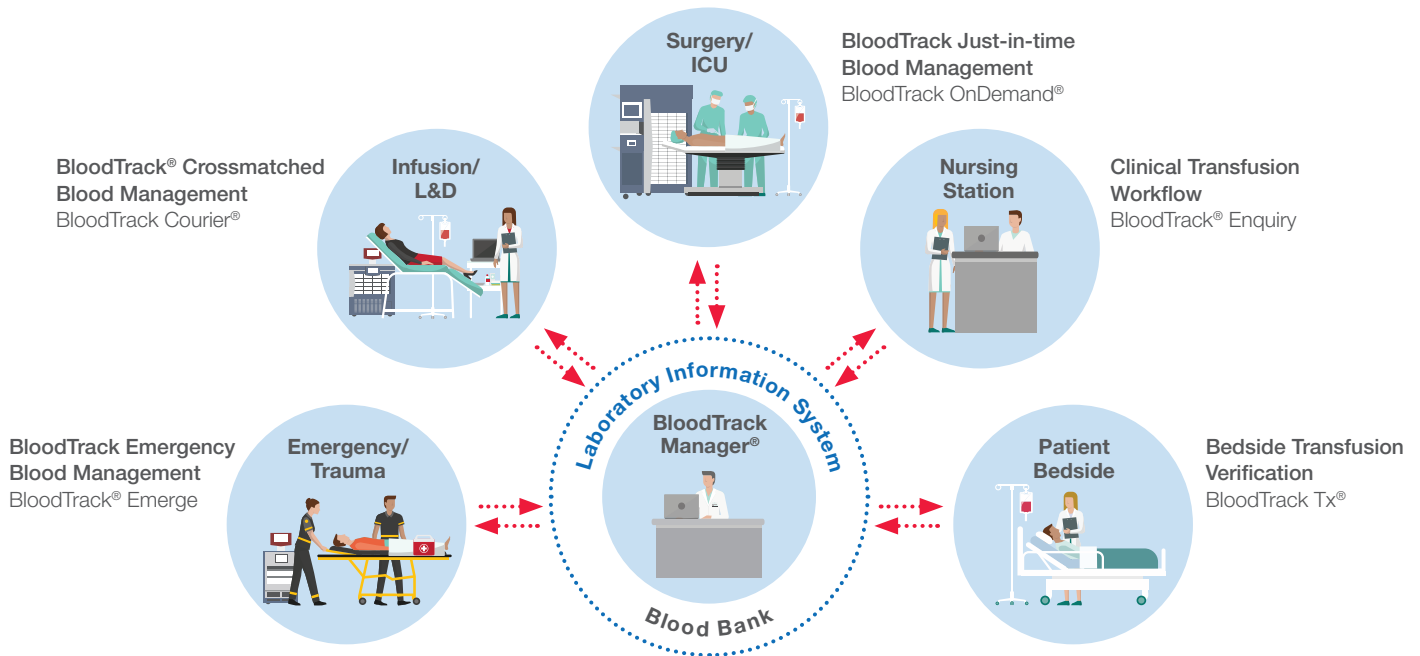
Blood Management and Bedside Transfusion Solutions

**The *right* blood product for
the *right* patient at the *right* time**

BloodTrack is a modular suite of blood management and bedside transfusion solutions that combines software with hardware components to act as an extension of your Laboratory Information System (LIS).

BloodTrack solutions provide the blood bank with the control, visibility and traceability it needs to safely and properly store and dispense blood products in clinical areas and verify that the right blood is transfused to the right patient at the bedside.

BloodTrack® – A suite of modular software solutions that extend your Transfusion Management System to the point-of-care



Our BloodTrack solutions can help your organization:

- Provide more efficient and accountable care
- Enhance patient safety; verify *right* blood product, *right* patient
- Safely and properly store and dispense blood products at the point-of-care
- Maintain visibility, complete traceability and compliance
- Manage your workflow and reduce staff workload
- Decrease blood waste
- Eliminate the need for coolers or unsecured refrigerators

Published customer experiences:

Visit <http://transfusionmanagement.haemonetics.com/en/references> to learn how institutions that have implemented BloodTrack modules in strategic locations have seen an *increase in patient safety, a reduction in blood waste and significant improvements in efficiency.*

The customer experiences described here relate to individual institutions' experiences using BloodTrack Software. There may be factors other than the use of BloodTrack that could affect the ultimate outcomes the institutions experienced. However, we do not make any representation that the institutions' experiences are typical, and indeed they may not be typical. The institutions' experiences do not provide any indication, guide, warranty, or guarantee as to the experience other institutions may have with BloodTrack Software. The experience other institutions or customers may have with the product could be different. Experiences managing blood supplies, with or without BloodTrack Software, can and do vary among institutions.

The need for improved patient safety, increased efficiency and reduced blood wastage

Occasionally when blood products leave the blood bank, the blood bank staff loses control and visibility of the blood components. They often don't know if the blood was handled, stored or transfused properly, which may lead to negative effects on patient safety, product quality, inventory availability and staff efficiency as well as increased waste. Even if the right blood unit is transfused to the right patient in the right condition, the blood bank can struggle to receive timely, accurate and meaningful information in order to meet current regulations, ensure traceability, address adverse events, avoid treatment delays and prevent unnecessary rework.

Revolutionizing point-of-care blood management

By implementing BloodTrack solutions, you can optimize your blood supply chain and help ensure that when blood is transported outside the blood bank, inventory control, patient safety, traceability and regulatory compliance can be maintained. In addition, information about the status of each blood product and transfusion is sent back to the blood bank in real-time so your staff can proactively respond to any issues.



Strategically place BloodTrack® modules to help ensure control, patient safety and compliance



Today, more than 500 locations across the U.S., Canada and the United Kingdom, including **10 of the top 20 hospitals in the U.S. use our BloodTrack solutions¹** to enhance patient safety, reduce blood waste and maintain traceability of their hospital's blood supply chain.

¹ Best Hospitals 2018-19: Overview and Honor Roll. U.S. News & World Report

Point-of-care Blood Management

Providing safe, secure and fully traceable blood product storage



Works with standard refrigerators or HaemoBank® devices

BloodTrack® Emergency Blood Management Software – BloodTrack Emerge

European transfusion Guidelines from JPAC and AAGBI recommend rapid access to emergency blood and blood components, as well as accurate record keeping.^{2,3}

The BloodTrack Emergency Blood Management System controls, tracks and monitors access to emergency blood products, including Massive Transfusion Protocol (MTP) packs, in the emergency department, trauma area or outpatient surgical center by securing new or existing storage devices with software-controlled electromagnetic locks. This provides your authorized caregivers with safe, fast access to life-saving blood products where and when they are needed most.



Works with standard refrigerators or HaemoBank devices

BloodTrack Crossmatched Blood Management Software – BloodTrack Courier®

A mistransfusion can be fatal. Seventy percent of “wrong blood” events occur in clinical areas.⁴ To reduce human error in the transfusion process it is recommended that electronic blood management systems, such as BloodTrack be evaluated in all clinical areas where transfusions occur.⁵

BloodTrack Crossmatched Blood Management System controls, verifies and monitors emergency and crossmatched blood products (RBCs, plasma and platelets) in clinical areas such as labor and delivery, intensive care and oncology by securing new or existing storage devices with software-controlled electromagnetic locks.

BloodTrack Just-in-time Blood Management Software – BloodTrack OnDemand®

It can often take too long for blood products to arrive at clinical areas, so hospitals employ a just-in-case strategy. This can lead to the mishandling of blood products resulting in risk to patient safety.

BloodTrack Just-in-time Blood Management System quickly allocates the right blood product to the right patient where and when it's needed, eliminating the need to crossmatch and label blood products in advance and reducing blood bank and clinical staff workload. The software is designed to work with the BloodTrack HaemoBank, creating a virtual 24/7 automated transfusion service.



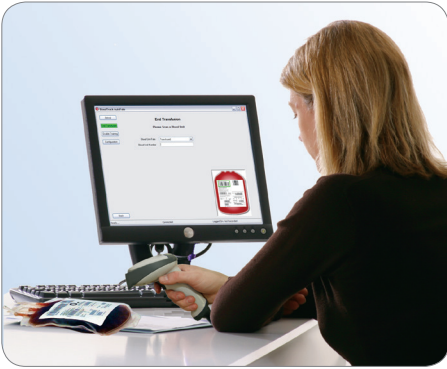
Works with HaemoBank devices

² JPAC Joint United Kingdom (UK) Blood Transfusion and Tissue Transplantation Services Professional Advisory Committee, Transfusion Handbook

³ AAGBI Association of Anaesthetists of Great Britain and Ireland Safety Guideline – Management of Massive Haemorrhage – November 2010

⁴ Pagliaro P., Turdo R., Capuzzo E., Patients' positive identification systems. Blood Transfus. 2009 Oct;7(4): 313-8.

⁵ Annual SHOT Report. (2017). Knowledge of basic ABO and Rh blood group systems. 17-19



Clinical transfusion workflow

Providing visibility into the blood supply and transfusion process

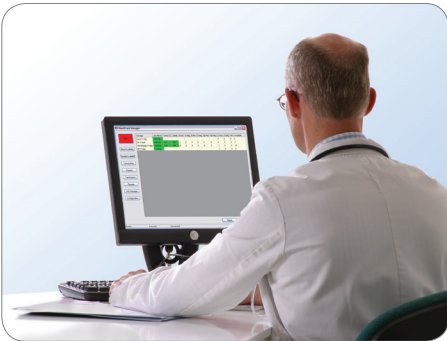
BloodTrack® Enquiry software works with the *point-of-care blood management solutions* to provide nurses and clinicians with a real-time view of blood inventory by location and the ability to check crossmatch sample validity, view and query the location of blood units, determine the patient's transfusion status and monitor the status of transfusions from any workstation, helping to improve clinical efficiency and reduce unnecessary calls to the blood bank.



Bedside transfusion verification

Verifying the *right* blood is transfused to the *right* patient

BloodTrack Tx® software is an FDA 510(k)-cleared bedside transfusion verification and administration solution that electronically verifies the right blood is transfused to the right patient at the bedside and records transfusions, patient vitals, reactions and staff IDs for Hemovigilance compliance. It can also generate and print blood bank specimen collection labels.



Central control and management system

Delivering real-time actionable information about your blood supply chain and transfusion process

BloodTrack Manager® software is typically located in the blood bank and provides a centralized view of real-time hospital-wide blood product inventory, patient transfusion activity data and alerts allowing the blood bank to monitor and track blood products in BloodTrack-controlled storage devices to help ensure compliance and patient safety.

The Value of BloodTrack® Solutions

The BloodTrack suite of modular blood management and bedside transfusion solutions combines software with hardware components to act as an extension of your Laboratory Information System (LIS) that secures, verifies and monitors your blood supply chain. It can help your organization meet the following AABB Standards, EU Directives and FDA Regulations as well as your hospital specific SOPs.

AABB Standards

5.1.8.1.4 – Access Control
5.1.6.1 – Identification
5.1.6.2 – Traceability
5.26 – Reissue
6.2.3 – Records

EU Directives

93/42/EEC
2002/98/EC
2004/33/EC
2005/61/EC
Blood Safety and Quality Regulations 2005

FDA Regulations

606.160(a)(1) – Traceability
606.160(b)(3) – Reissue Records
606.160(b)(7) – General Records



Maintain control, visibility and traceability

For more information or to schedule a demo visit our website at www.haemonetics.com, or contact your Haemonetics Account Manager.

The HaemoBank is a Medical Device designed and manufactured in line with Directive 93/42/EC (class IIa)

For a list of worldwide office locations and contact information, visit www.haemonetics.com/officelocations

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