

TAKE FULL CONTROL OVER
YOUR BLOOD DELIVERY

Smart Access Kit

-)) Secured and easy blood retrieval
-)) Remote visibility over retrieval processes
-)) Full traceability



💧 The **Smart Access Kit** is designed to support **blood product retrieval in hospitals** for **nonspecialized operators**. The intuitive interface ensures the **safety and security** of the whole retrieval process.



💧 Using RFID technology, each blood product is detected in real time with the accurate location to ensure that **the right product is identified and retrieved**.



💧 The Smart Access Kit solution provides different levels of **real-time dynamic inventory visibility** for hospitals, blood banks and blood centers.

biolog))id

A Smart Solution for Healthcare Professionals

Managing blood products requires precision, security, and efficiency. The Smart Access Kit streamlines blood storage and access, reducing human errors, improving workflow and compliance, and ensuring patient safety. With Smart Access Kit, healthcare professionals can focus on what matters most – saving lives.



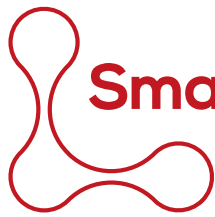
*24/7 product availability
for retrieval operations*



- RFID Product Identification for instant and error-free recognition.
- Automatic Stock Updates for simplified, real-time inventory tracking.
- Secure Access Control using RFID badges to restrict entry to authorized users.
- Intuitive User Interface
- Real-Time Product Movement Tracking for complete stock visibility and planning.
- Automated Alerts for stock levels, expiration dates, and critical shortages.
 - Comprehensive Product History ensuring full traceability and compliance.



The Smart Access Kit is a modular solution that fits with your storage needs.



Smart Access Kit

FOR HOSPITAL OPERATORS

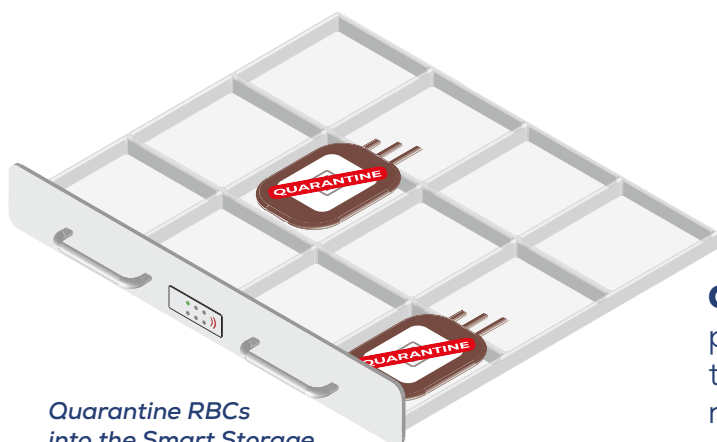
Patient-Specific Retrieval ensures that blood products are reserved and retrieved specifically for a designated patient. This process enhances safety by minimizing errors and ensures that the right product is delivered to the right patient at the right time.

Emergency Retrieval is crucial during critical situations, speed is essential. Smart Access Kit provides an emergency retrieval mode, allowing authorized personnel to access urgently O+ and O- needed blood products instantly.

Loading and Unloading allows efficient stock management begins with accurate product entry and exit tracking. The Smart Access Kit system automates the loading and unloading of blood products, ensuring that each unit is correctly recorded in the system without scanning.



User putting RBC products into the Smart Access Kit



Quarantine RBCs into the Smart Storage

Quarantine Management for blood products that require isolation due to quality concerns, pending test results, or regulatory requirements so the specific products can be temporarily restricted from retrieval.

Smart Access Kit

FOR BLOOD BANKERS



For blood bankers, the Smart Access kit solution provides real time dashboard to have a quick and accurate visibility on delivery operations.

Real-time Inventory Report | Emergency Products

Report date: Emergency products | Site: Blood Bank | Blood group: All | July 7 at 9:02 a.m.

Product	Product code	Product name	Product type	Product status	Product location	Product quantity	Product unit	Product expiry date	Product storage	Product position
BB00000001	000001	Red blood cells	Whole blood	Active	Room 1	1000	ml	2025-12-31	4	1.2
BB00000002	000002	Platelets	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000003	000003	Plasma	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000004	000004	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000005	000005	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000006	000006	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000007	000007	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000008	000008	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000009	000009	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000010	000010	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1

Alerts Report

Time period: Today | Site: Blood Bank | July 7 at 9:13 a.m.

Product	Product code	Product name	Product type	Product status	Product location	Product quantity	Product unit	Product expiry date	Product storage	Product position
BB00000001	000001	Red blood cells	Whole blood	Active	Room 1	1000	ml	2025-12-31	4	1.2
BB00000002	000002	Platelets	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000003	000003	Plasma	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000004	000004	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000005	000005	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000006	000006	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000007	000007	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000008	000008	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000009	000009	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
BB00000010	000010	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1

Events History Report | Retrieval Events

Report date: July 7 at 9:13 a.m.

Product	Product code	Product name	Product type	Product status	Product location	Product quantity	Product unit	Product expiry date	Product storage	Product position
BB00000001	000001	Red blood cells	Whole blood	Active	Room 1	1000	ml	2025-12-31	4	1.2
BB00000002	000002	Platelets	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1
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BB00000010	000010	Whole blood	Whole blood	Active	Room 1	1000	ml	2025-12-31	1	1.1

)) The use of this real-time dashboard is suitable for blood bank product managers by supporting inventory management.

)) The alert dashboard gives a quick visibility on all retrieval alerts for remote sites.

)) Each blood component is associated with an event for a complete traceability.



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