

SWISSLOG APPLICATIONS

TRANSLOGIC PNEUMATIC TUBE SYSTEM FOR BLOOD BANKS



Blood Bank Challenges: Product Integrity, Speed, Security and Verified Delivery

Blood banks are a critical link in the chain-of-care. The rapid delivery of blood to the right personnel at the right location at the right time helps assure successful treatments and positive outcomes. Temperature, time, accuracy, and packaging are all important elements of the blood-handling process.

Swisslog Understands the Special Needs of Blood Transport

Swisslog's TransLogic Pneumatic Tube System dramatically reduces transport time of blood to patients, reducing unproductive deliveries by hospital personnel while enhancing patient care with rapid response. Swisslog's pneumatic tube system meets the special requirements of blood transport:

- > **Security** – Transport blood products between authorized personnel
- > **Notification** – Personnel awaiting blood products are notified for prompt delivery
- > **Verification** – Staff identification linked with carrier departure and arrival times
- > **Special Handling & Packaging** – Product integrity is assured with proper handling & packaging and soft delivery

Swisslog gives blood banks fast, secure and verified delivery of life-saving blood products. Time is critical when transporting blood. You need to rapidly deliver product from refrigeration to patient in minutes. It must arrive at the right station, retrieved by the right professional and administered to the correct patient.



Swisslog's pneumatic tube systems include:

Total Chain-of-Custody

By combining the following technologies, carrier departures and arrivals can be tracked with the security of knowing that the right carrier was sent and received at the right station at the right time by the right personnel.

Secure-Send Feature

Swisslog control panels give users special functions like Secure-Send, which limits access of specific carriers to authorized users between two stations. By entry of a PIN code, and then by communicating that code to the receiver, carrier arrival verification is assured when the user at the receive station enters the appropriate code. An alarm is activated if the receiver does not access the station within a preset period of time. Stations can be programmed with a STAT function as well to assign high priority to the transaction.

Radio Frequency Identification

RFID provides real-time verification that your blood products arrived precisely at the right time at the right station. This technology can also be used to segregate carriers within the system and adjust carrier counts at stations to assure you have blood bank carriers when needed.

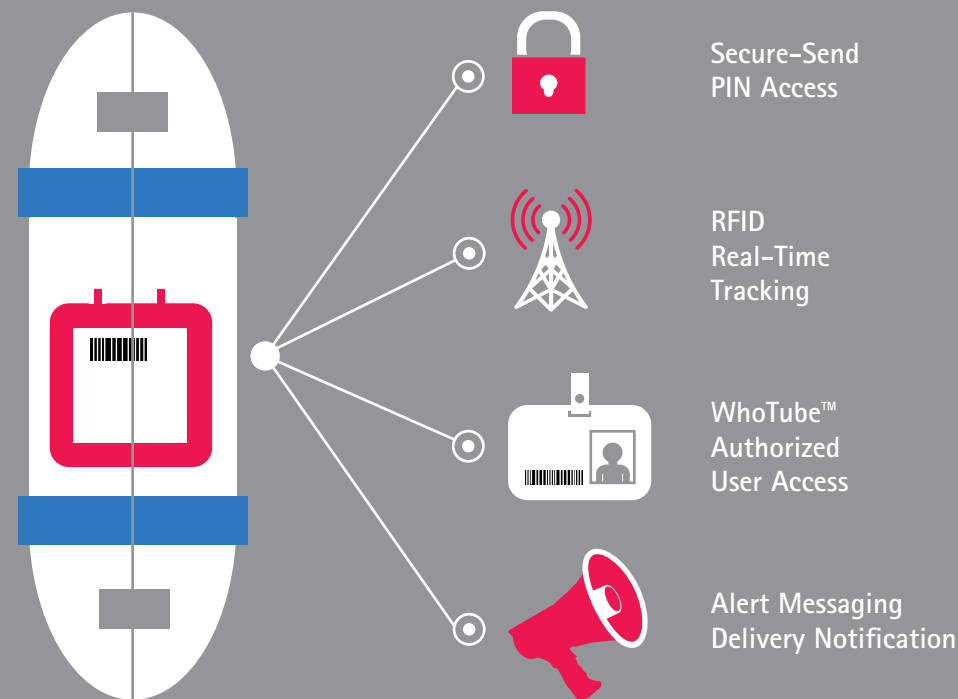
WhoTube™ Card Swipe

WhoTube requires the use of a valid access card, usually a hospital-issued ID badge, to send and receive carriers between stations. The system assures that every transaction is recorded and that only authorized users gain access to the pneumatic tube system.

Alert Messaging

Now you can receive messages announcing that a carrier intended for you has arrived at your station. Alert Messaging will notify you via mobile devices such as pagers, PDAs, mobile phones or by e-mail.

Blood Bank Chain-of-Custody



Leak-Resistant Carriers and Accessories

Swisslog manufactures a wide variety of carriers and accessories for secure blood transport, including Zip N' Fold biohazard pouches and Eco-Seal leak-resistant carriers for both 4-inch and 6-inch pneumatic tube systems.

Variable Speed Technology

Slow the speed of delivery of sensitive items like blood for gentle handling and soft delivery, while increasing the speed of empty carriers for improved system performance.

Ethernet Communications

High-speed network communications opens new possibilities for real-time information exchange, including track and trace.



Swisslog:
Your Blood
Transport Partner!

Swisslog has installed pneumatic tube systems in more than 2,000 hospitals throughout North America. We offer solutions tailor-made to your specific department requirements. Talk with a Swisslog representative today about how we can automate blood transport to fully meet your needs.



Swisslog –
Simply Better

- > Outstanding Product Performance
- > Superior Product Reliability
- > Visionary Product Innovation
- > Excellent Customer Support and Service
- > Speedy Return-on-Investment

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