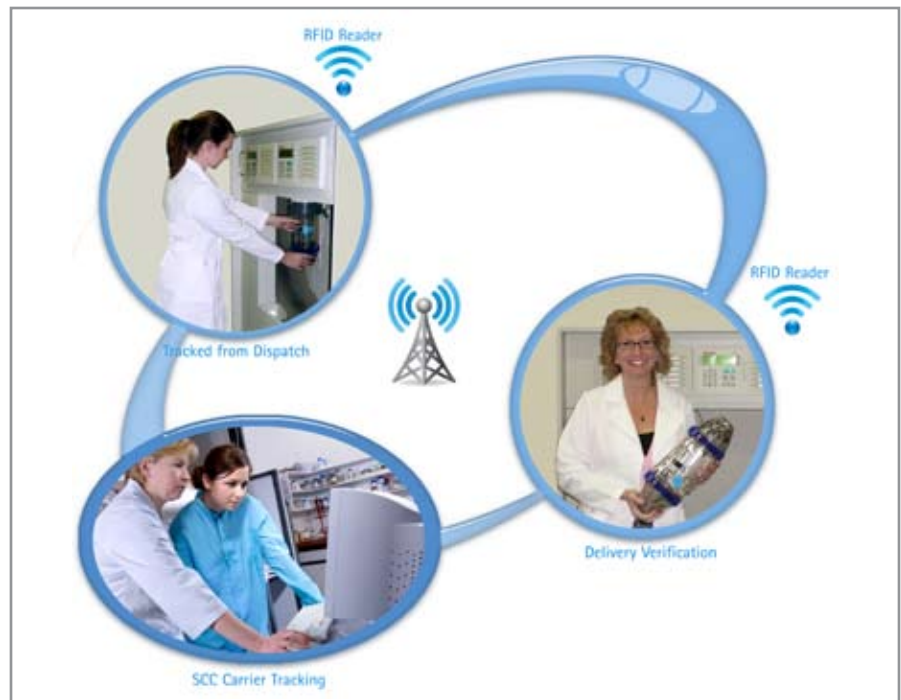


SWISSLOG SPECIAL APPLICATIONS

RADIO FREQUENCY IDENTIFICATION (RFID) FOR PNEUMATIC TUBE SYSTEMS



Pneumatic tube system carrier tracking, monitoring and carrier inventory management are but a few of the functions of Swisslog's radio frequency identification (RFID) technology.

The Right Carriers, in the Right Place, at the Right Time

Did your carrier arrive at the right station?

With RFID you have real-time verification that your patient-critical pneumatic tube transactions arrived at the right station at the right time. If a carrier arrives at the incorrect destination, system administrators are immediately notified.

Worried about cross-contamination?

RFID separates carriers into groups with specific users; such as keeping carriers used by the lab from those used by the pharmacy—reducing the potential for cross-contamination.

Will the carrier be there when you need it?

RFID adjusts carrier counts at stations, saving staff time from updating carrier counts manually and assuring the right carriers are always available at each station.

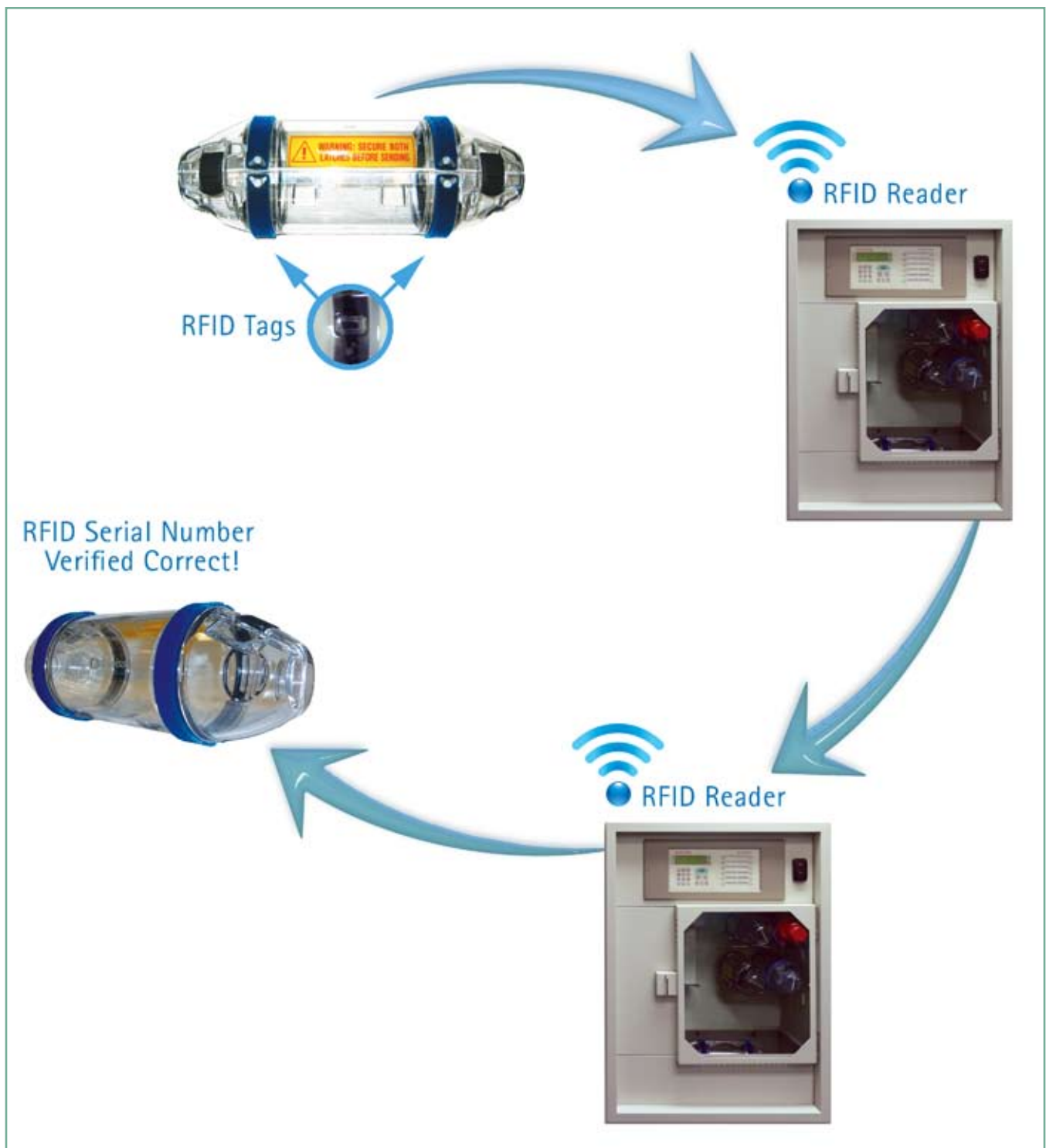
Features & Benefits

- > **Monitors Carrier Transport** – Verifies end-to-end carrier transport
- > **Assigns Carrier Destination** – Reduces health risk exposure
- > **Carrier Separation** – Reduces cross-contamination
- > **Easy to use** – No extra steps required

swisslog

How RFID Works

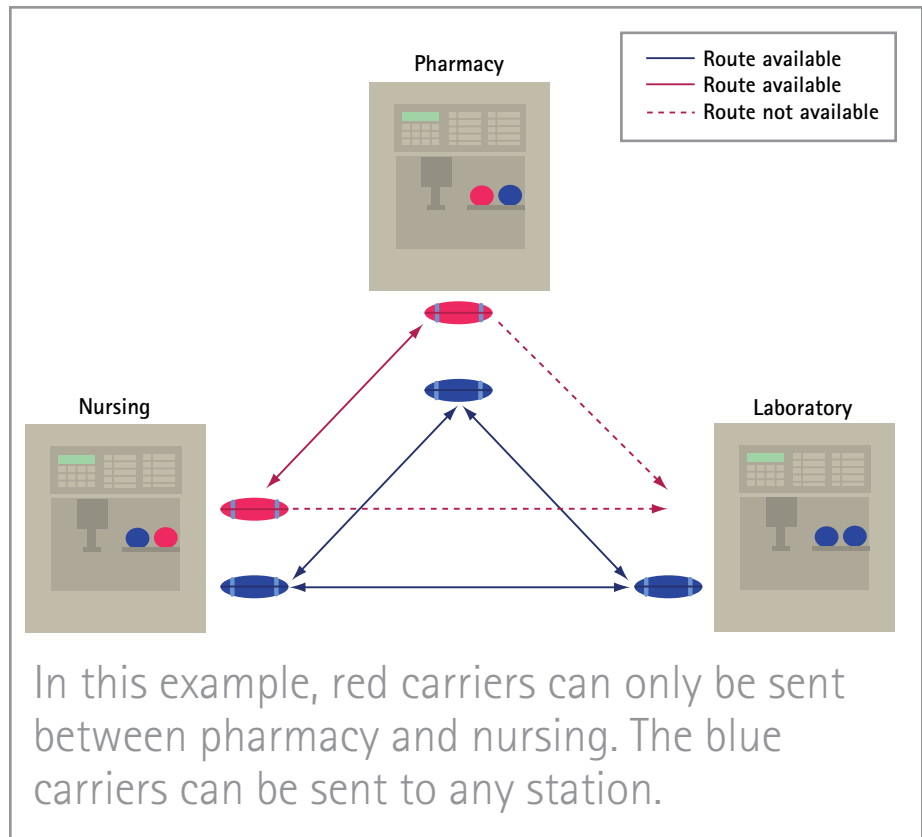
- > RFID tags are embedded in each carrier.
- > The carrier RFID tags are programmed with a unique serial number.
- > The station and other key devices are equipped with receivers that read the tags on dispatch and arrival.



The Right Carrier, in the Right Place, at the Right Time

Separate Carriers by Group

Separating carriers reduces the risk of cross-contamination and assures the right carriers are available for the intended use.



Automatic Carrier Inventory

Should a carrier be manually moved from one station to another, the system will adjust the carrier count at the previous station and remove it from the station's inventory when the carrier is dispatched. This feature saves staff time and provides an accurate carrier count—ensuring carriers are available when you need them.

Carrier Home Station

You can assign a home station so carriers always return to the same location. Departments can designate their own supply of carriers.

Carrier Redistribution

RFID enables empty carriers to be distributed to stations needing carriers, keeping the system in balance. For example, a station can be assigned two carriers for pharmacy and two for the laboratory with the system maintaining the correct inventory levels.

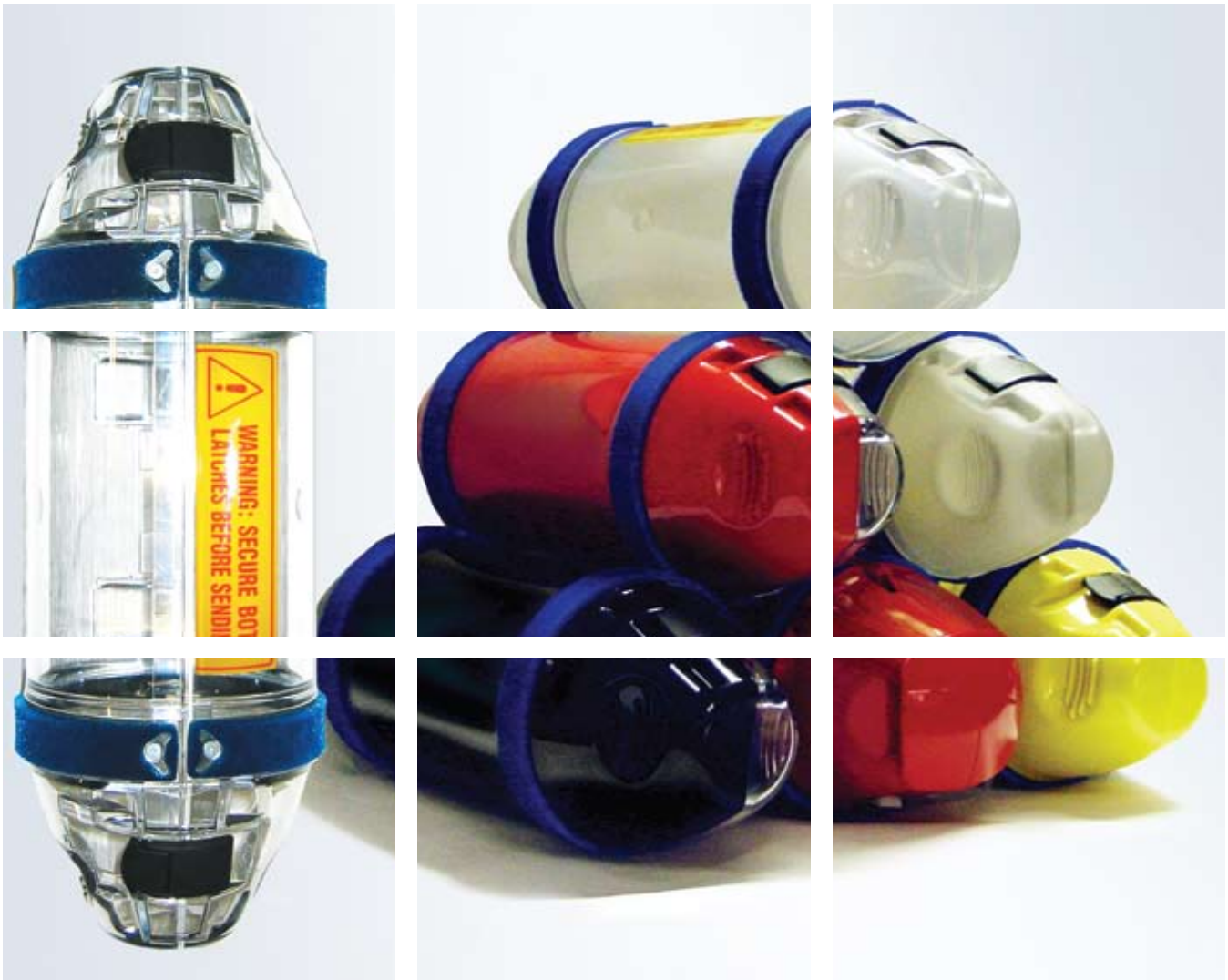
RFID in Xpress Systems

RFID will enhance the distribution and tracking of carriers in large systems, as well as those with long distances between key departments using Swisslog's exclusive Xpress Technology.

RFID for Pneumatic Tube Systems

RFID Ready Carriers

RFID tags are embedded in the carrier body under each wear band (2 per carrier). The RFID feature is currently available for 4-inch and 6-inch TransLogic systems as well as other manufacturer systems with additional software and material installation. RFID carriers are available in color and 6-inch carriers are available with antimicrobial BacStop.



Due to ongoing improvement programs, Swisslog reserves the right of production or design change without notice or obligation.

For More Information in North America:

Swisslog Healthcare Solutions
Email: healthcare@swisslog.com
USA: (800) 764-0300 | 800 525-1841 x7844
Canada: (877) 294-2831 | (905) 629-2400

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