Radio Frequency Identification (RFID) for TransLogic® Systems

RFID technology provides a chain of custody solution for TransLogic pneumatic tube systems with carrier tracking, monitoring, and inventory management—ensuring carrier supplies are replenished at stations and allowing carrier designation for specific departmental use.
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 transactions result in carriers 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 by eliminating manual carrier counts 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

RFID technology can be retrofitted to existing TransLogic tube stations.
How RFID Works

1. RFID tags are embedded in each carrier.

2. Stations and other key devices are equipped with receivers that read the tags on dispatch and arrival.

3. RFID serial number is verified at arrival.
Separate Carriers by Group

In this example, red carriers can only be sent between pharmacy and nursing. The clear carriers can be sent to any station.

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

**RFID in Xpress™ Systems**
RFID enhances the distribution and tracking of carriers in large systems, as well as those with long distances between key departments using our exclusive Xpress Technology.

**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-Ready Carriers

RFID tags are embedded in the carrier body under each wearband (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 clear and half-color.
Lead change for better care.

About Swisslog Healthcare

Swisslog Healthcare is a leading supplier of solutions and services for medication management, combining both transport and pharmacy automation. Swisslog Healthcare has installed facility-wide transport and pharmacy automation systems in more than 3,000 healthcare institutions worldwide. The company offers integrated solutions from a single source—from consulting to design, implementation to lifetime customer service. For more information, visit swisslog-healthcare.com.