



HEALTHCARE
Investing in Innovation

Unmatched Innovation for Superior Performance

Eighty percent of hospitals select Swisslog TransLogic® Pneumatic Tube Systems to transport patient medications and supplies. Behind our 100 year history is a legacy of innovation. With 25 active tube system patents, our investment in user-driven developments is unmatched.

Why does patented technology matter to hospitals? It means that only Swisslog is able to provide many of the features that matter most to facilities, pharmacy, laboratory and nursing staff.

Traffic Management Patents

High-Volume Transport

With patented Xpress™ Technology, busy hospitals achieve ultimate efficiency in high-volume transport situations, accommodating simultaneous carrier dispatches and arrivals.

Intuitive Routing

Unlike other PTS systems that reserve an entire route for a transaction, our patented technology can resolve "traffic jams," enabling greater system throughput.

Pre-Set Variable Speed

We ensure the integrity of lab samples and the urgency of medications by creating speed pre-sets based on the location of a station. For example, assigning a lab station to always be a slow speed station.

Carrier Patents

Carrier/Station Association

Developed with end users in mind, this feature enables hospitals to assign carriers to a certain location, such as the pharmacy or the lab. This logic can, for example, prevent pharmacy carriers from being sent to a laboratory station. It can also prevent cross-contamination of carriers designated for specific payloads.

Inventory Management

Patented automated carrier inventory associates carriers with a "home" station, eliminating the need to cycle count.

Condition Monitoring

Leveraging patented RFID technology, the system can track how often a carrier is utilized and trigger a notification that preventive maintenance should be performed.

Radio Frequency Identification (RFID) Patents

Route Traceability

With Swisslog RFID technology, you can record the entire travel path of a delivery. This means our Delivery Manager application provides real-time status information to clinical users.

Complete Transit Visibility

Hospitals are able to configure a Swisslog PTS with RFID throughout the system, not just at stations. Because the RFID tag can be read throughout a delivery, a carrier can be intuitively rerouted at a transfer unit.

Automated Delivery Verification

A critical component for achieving chain-of-custody for medication deliveries, only Swisslog provides automated delivery verification. Without this feature, end users must manually scan carriers to confirm delivery.

Transaction Recovery

Utilizing RFID, only Swisslog tube systems offer automatic delivery of a carrier after a system shutdown.



TransLogic and Xpress are trademarks or registered trademarks of Swisslog AG.

Swisslog systems may be covered by one or more patents. Our pneumatic tube system and carrier patents include: 9,073,708; 7,326,005; 8,317,432; 8,382,401; 7,950,879; 8,565,915; 8,596,932; 8,641,329; 8,721,231; 9,439,996; 7,243,002; 7,328,084; 7,363,106; 7,953,515; 8,447,427; 8,644,985; 8,793,014; 8,903,543; 9,139,383; 9,221,626; 9,292,823.

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