TranspoNet 5 software offers powerful features to manage and maintain your pneumatic tube system with flexibility and efficiency.

**BENEFITS**

TranspoNet 5 presents customizable software modules that meet customers' needs and requirements for optimized processes when using a modern pneumatic tube system. It provides:

- Powerful features to meet the needs for planned and spontaneous transportation:
  - Optimization of pathways with intelligent alternate routing of the carriers, guaranteeing a higher transport frequency and a better workflow of planned transports during peak traffic hours.
  - 24/7 availability guarantees the transportation of goods even for spontaneous needs during low-staffed shifts.

- Several access features for increased security and safety.

- Efficient timetable function provides:
  - Priority settings for emergencies.
  - Absence and divert settings for the recurrent absence of a department and/or diversion to another.
  - State-of-the-art RFID technology for unbroken traceability of transactions.
  - Integration with the Building Management System (BMS) for effective communication.

**FEATURES & FUNCTIONS**

TranspoNet 5 controls, visualizes, and monitors the pneumatic tube system in an intelligent and efficient way. It comprises the following software modules and options:

- **T-Control**:
  - Mechanical and electrical control of the devices
  - System configuration
  - Access and timetable features
  - Group and conditions functions
  - Carrier management
  - PowerLine

- **SuperVision 2.0**:
  - User profiles and rights
  - System visualization
  - Report editing
  - Print module for reports and statistics

- **ComCenter & NetClient**:
  - Communication via voice message, SMS, or e-mail
  - NetClient information service
  - Connection with BMS
T-Control offers maximum flexibility in the configuration of your pneumatic tube system for high performance and ultimate safety.

System Parameter Settings for Management and Maintenance Flexibility
- Runtime configuration sets the transport time between the different devices with alarm notification if a runtime is being exceeded.
- Automatic targeting allocates a specific destination to one carrier or a group of carriers (e.g. all blue carriers are meant for the warehouse).
- Variation of the transport speed depending on the carrier content.

Access Features for Security and Safety
- Different authorization levels via PIN code, ID card, transponder or biometric reader for operators at designated stations in departments where security and safety are of paramount importance.

Timetable Features for Guaranteed Delivery
- Priority settings configure the priority of the transport of goods from and/or to designated stations: carriers with priority have right of way in the system and will optionally bypass other carriers at diverters.
- Absent feature sets station on absence mode either by the administrator for recurrent absence (e.g. department is closed every Saturday) or by the user via entry on the station keypad for infrequent absence (e.g. department is not available during team meeting). This feature does not affect the rest of the system. When carriers are addressed to an absent station, the sender is informed by an audible alarm and a text message at the sending station.
- Divert feature is meant to divert carriers to another station. All carriers addressed to the original station will arrive at the designated location.
- Signalization feature sets a timetable for arrival notification.

Groups and Conditions Functions for Contamination Prevention
- This function provides carrier segregation for department-specific use and therefore assigns carriers to a group that fulfills specific conditions to prevent contamination between departments (for example in the healthcare sector, no transport from operation theatres to maternity unit). Timetable features can also be assigned to groups.

Total Carrier Management for Process Optimization
- Carrier management with transponder technology offers powerful functions:
  - Dedicated carrier slow speed for transport of sensitive goods.
  - Tracking & Tracing for real-time location of carriers and transaction history.
  - Stock control and empty carrier management, balancing the stock of carriers at the station and in the system in a logical way, sending empty carriers to the station with the highest deficit.
  - Carrier maintenance schedules facilitate washing and inspection after a predetermined number of transports, or specific usage.

PowerLine for High-Traffic Frequency
- PowerLine increases the capacity of the system and allows automated transports over long distances, several floors, between buildings, or underground. Up to five carriers, determined by time or event, are sent via PowerLine.
SuperVision 2.0 supports access, monitoring, and maintenance of your pneumatic tube system using your facility's existing IT infrastructure.

User Profiles and Rights
> User profiles determine the access level to data and devices in the system.
> User rights are permissions granted to users according to their user profile. They define what data and devices a user profile can read or modify.

System Visualization for Remote Monitoring, Controlling, and Maintenance
> Remote assistance from anywhere on-site and/or off-site.
> Depending on user profile, a remote control on each device or on the whole system is possible directly from the system visualization.
> Topographic view of the system offers a detailed, accurate diagram in real time.

Track & Trace Tools for Information and Analysis
> TransInfo generates a basic view of every realized transport, whereas InfoLog generates a detailed view.
> LogBook records chronologically many kinds of information that user might want to record manually.
> Reporting and editing: SuperVision offers a wide range of standard reports, which can be modified by the user.
> System editor customizes reports and changes the settings of charts and diagrams.
> Statistics are used to analyze potential system optimization.

Recommended Minimal System Requirements for TranspoNet 5

Operating system: Microsoft Windows XP Professional SP3 or Microsoft Windows 7 Professional
> CPU: Dual-core processor 2 × 2.8 GHz (AMD/Intel)
> Memory: ≥ 2 GB RAM
> Graphics memory: ≥ 64 MB
> Hard drive: ≥ 250 GB
> Drive: CD or DVD
> LAN-port: Ethernet 100/1000
> I/O Ports: ≥ 1 x RS232 (up to 20 x RS232 depending on the number of devices)
> Expansion slots: ≥ 2 x USB 2.0
> Expansion slots: ≥ 1 free PCI slot (for modem or ISDN card)
> Mouse, keyboard, 22" monitor
ComCenter and NetClient provide advanced communication to users and engineering staff, increasing productivity, improving service speed, and reducing potential system down-time.

**Notification of Transport Status**
- Arrival notification: ComCenter and NetClient notify via voice message, SMS, e-mail, or pop-up message the arrival of a carrier to addressee, thus shortening the user’s reaction time and increasing productivity.
- Error notification: ComCenter notifies via voice message, SMS, or e-mail any error during transport to engineering staff and/or addressee, therefore facilitating a rapid response to an event and its possible consequences.

**Communication with the Building Management System**
- Interface between the Building Management System and TranspoNet via OPC or ModBus freezes the pneumatic tube system if any adverse event arises in the facility.

Swisslog is a leading provider of integrated logistics solutions, committed to innovation and delivery of first-class solutions. Our comprehensive range of products, systems, and services offers our customers a single partner for planning, realization, operation, support, and modernization of hospital logistics processes.