



HEALTHCARE  
SOLUTIONS

AUTOMATED  
MATERIAL  
TRANSPORT  
SYSTEMS



# Swisslog – Your Partner for Hospital Logistics



## Solutions for Automated Material Transport to Optimize Internal Processes

### WHO WE ARE

- > Swisslog is a global supplier of integrated logistics solutions
- > Over 2000 employees provide worldwide services
- > Customers in more than 50 countries rely on our experience
- > We consult, design, implement and support your logistics
- > Our solutions improve the flow of materials within hospitals to optimize internal processes, reduce workload and lower costs
- > For hospital pharmacies Swisslog also provides Automated Drug Management Solutions

# The Solution for Urgent Material, up to 5 kg

## TranspoNet — Pneumatic Tube Systems (PTS)



### **BENEFITS**

- > Time saving due to direct connection of departments
- > Faster availability of test results
- > Reduction of transport errors and reliable delivery
- > Better service for patients due to speed and accuracy

### **APPLICATIONS**

- > Logistics of laboratory items, specimen, blood products
- > On demand transport of drugs and medical items
- > Handling of documents

### **SYSTEM FEATURES**

- > For spontaneous, non-planned transports of goods
- > PC-controlled with high system availability
- > Gentle and safe handling of sensitive medical items
- > Horizontally and vertically transport on low noise level

# The Solution for Scheduled Transport, 500 kg

## TransCar – Automated Guided Vehicles (AGV)



### **BENEFITS**

- > Reduced manual labor- offering reliable deliveries 24/7
- > Reduced injury by eliminating manual pushing of carts
- > Less damage to facility through controlled movement
- > Low operating costs, increased productivity

### **APPLICATIONS**

- > Transport of meals, linen and laundry
- > Disposal of waste
- > Transport of large quantities of pharmaceuticals

### **SYSTEM FEATURES**

- > Fully automated, vehicle drives along a predefined route
- > On-board laser-guiding-system detects obstacles
- > Simple implementation in existing buildings
- > Use of normal corridors and elevators

# The Solution for Sterile Goods, up to 25 kg

## UniCar, MultiCar – Electric Track Vehicle (ETV)



### **BENEFITS**


- > Lower costs due to improved turnaround periods for surgical instruments
- > Reduction of damaged good and loss of material
- > Reduction of cross contamination

### **APPLICATIONS**

- > Special designed bins for sterile goods, surgical instruments
- > Transport of medical equipment
- > Logistics for medium-sized items, medical record documents


### **SYSTEM FEATURES**

- > Two separated lines to ensure bacteria-free delivery
- > Fast transportation of sterile goods
- > Specific design with low construction height enables space saving transportation solutions



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