

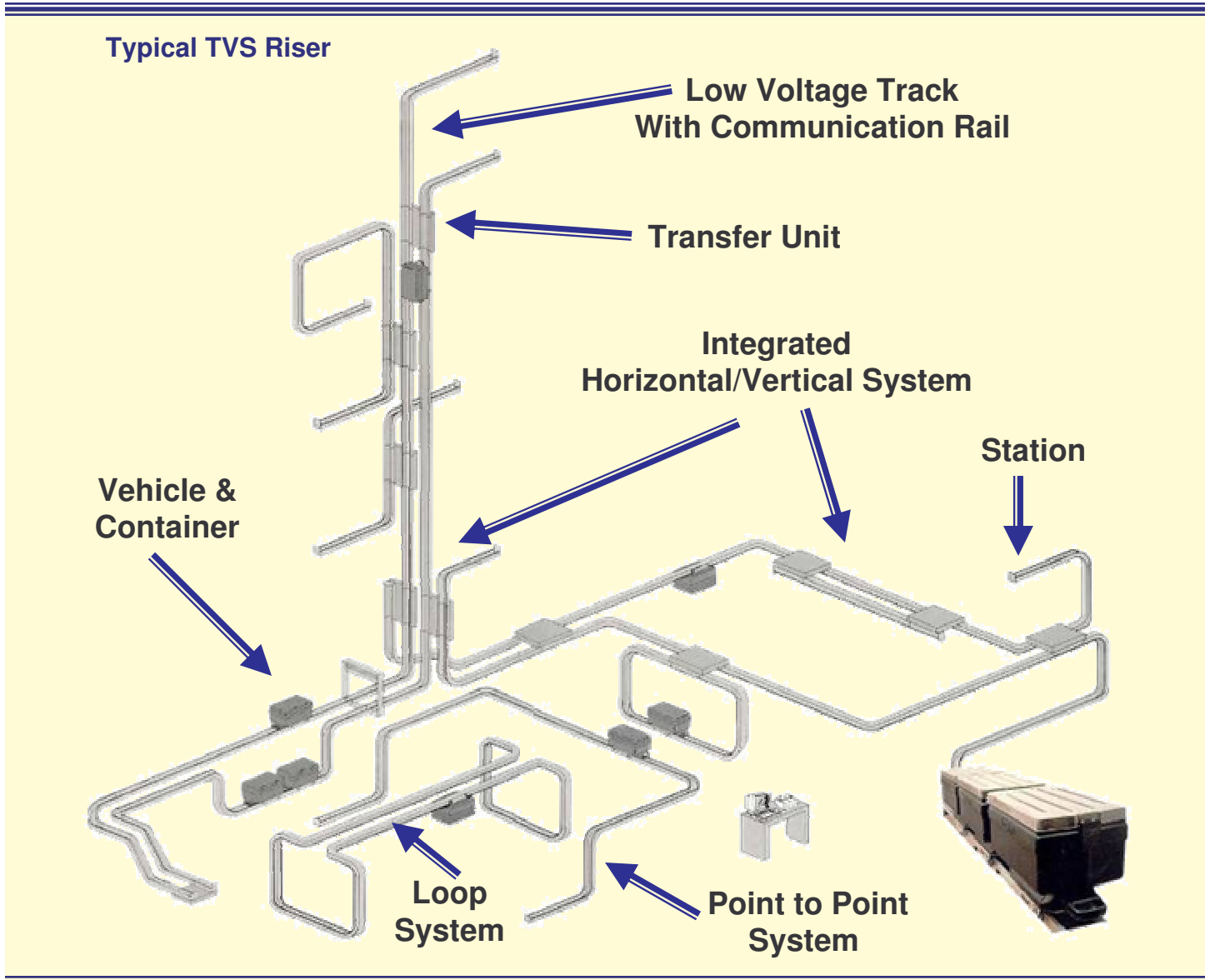
Healthcare Solutions

Track Vehicle System Components Overview

Introduction

For transport of medium sized materials weighing up to 15kg (30 lbs). Containers designed to hold specific contents are mounted on individually powered vehicles traveling at walking speed within a network of track running overhead and behind the walls of a facility.

Typical applications are for the movement of routine and non-routine items such as lab specimens, x-rays and, medical records.



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Vehicles

Vehicles for TVS systems are self powered, safe low-voltage units. A delivery vehicle consists of a vehicle and a container. The vehicle travels smoothly and quietly along the track to its destination.



Features:

- Removes easily for maintenance at any location on track
- Couples to special containers with safety switches
- Vehicle instantly stops upon contact with person or object
- Carries up to 9 kg (20 lbs) horizontal and up to 23 kg (50 lbs) horizontal



Containers

Swisslog provides containers for every transport requirement within the hospital. Self-leveling, x-ray, large document, secure, fixed, removable and many special applications.

A safety interlock ensures that detachable containers are securely attached to the vehicle. If the container is not secured, the vehicle will not dispatch.



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System Control

Swisslog's TVS feature Windows NT operating system provides an easy to use Graphical User Interface (GUI). Configurable system software allows for easy expansion or reconfiguration, even while the system is in operation.

The system automatically selects the fastest route, resulting in shorter transaction time, lower vehicle usage time and less traffic congestion than fixed route vehicles.



Operator Stations

Each station consists of a single or double track section for receiving and unloading of vehicles or loading and dispatching vehicles.

Station features include a simple addressing selector, an empty vehicle request feature, incoming vehicle signals (including audio), and remote arrival indicators – as well as much more.

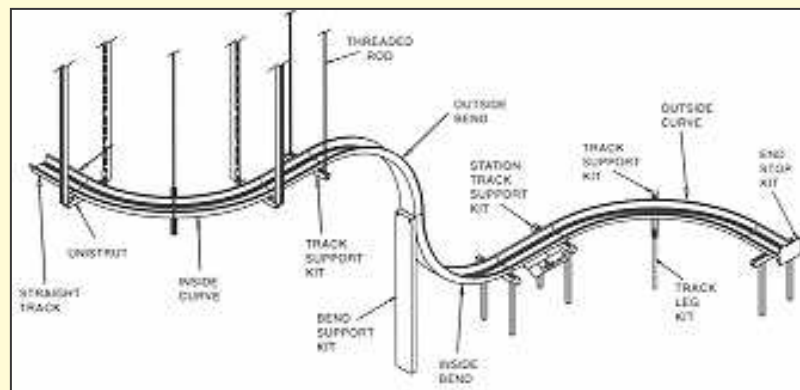
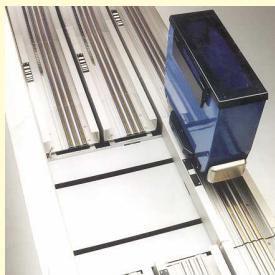


Track Network

The track is made of modular, symmetrical, anodized aluminum extrusions. "Tee" slots allow for easy installation of track isolators, tooth rack and supports.

Low voltage electrical power is distributed to vehicles from track power supplies connected to brass rails.

TVS track can be suspended from the ceiling to save valuable floor space and minimize congestion.



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