



## City Library "Stuttgart 21"

Stuttgart,  
Germany

Realisation of a logistic concept with Telelift UniSortCar for automated and smooth single book transportation in the Stuttgart City Library

### The Customer, the Requirements, the Solution

The Stuttgart City Library which opened in late 2011 stands for a new dimension of quality in educational and cultural activities. The library offers its users more than 500,000 items for children, teenagers, and adults as well as resources in different European languages in all subjects and areas of interest.

The public library offers users more services and better hours. The library is opened 6 days a week, 12 hours a day, and 51 weeks a year.

There are numerous around-the-clock services such as a search portal and online access to all text media on the web site and also a 24-hour book return station. In addition, qualified staff is available to give patrons expert information on all topics. The library offers all essential services under one roof.

Stuttgart City Library is equipped with the UniSortCar single-book transportation system. The transport system consists of 70 UniSortCar containers which carry different types and sizes of books and media items on a 140 m of track within the library building.

The system consists of four book return stations. It is combined with a sorting device on the ground floor with four sorting stations and 40 sorting points on 8 floors.

The books are transported automatically from return stations to the UniSortCar containers. The returned items are then distributed by UniSortCar containers via rail network. The system connects the central drop-off with each floor.

# Library

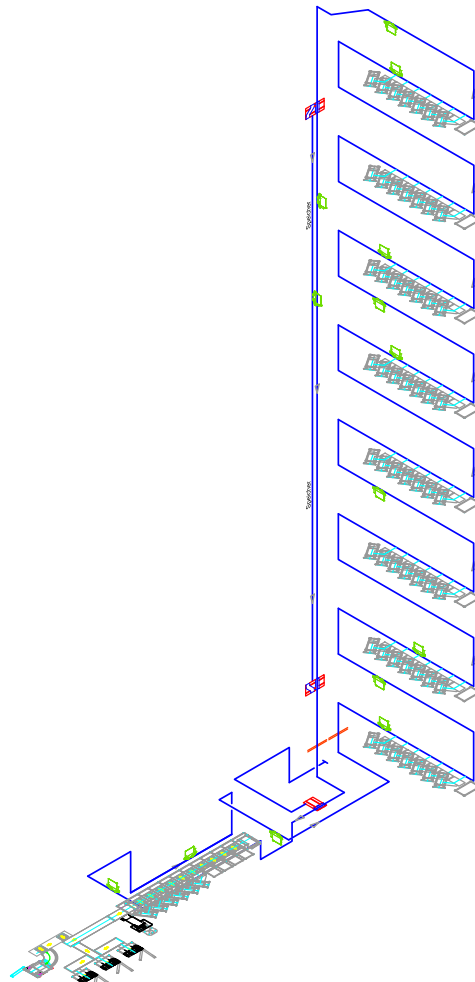


## Solution:

Track length:	140 m
Floors:	8
No. of stations:	41
No. of book returns:	4
No. of container:	70
Control:	Telecontrol
Commissioning:	2011

## Benefits:

- > Fast and smooth transportation of media
- > Throughput >900 media per hour
- > 100% monitoring
- > Precise book drop
- > Vertical and horizontal routing
- > Low operational costs
- > Payback in less than 2 years



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