



**Niguarda Ca'Granda  
Hospital**

**Milano,  
Italy**

Fast and reliable transportation of hospital goods with Telelift UniCar improves transport flexibility and optimizes logistic processes.

## The Customer, the Requirements, the Solution

Niguarda Hospital includes all departments for adult and child pathology. As the largest hospital in North-West Italy, it is well-known as an international reference model. More than 4,100 employees including 750 physicians and about 2,000 nurses, medical and rehabilitation technicians serve in-patients in 1,285 beds. Additionally, Niguarda Hospital is one of the most active transplant centers in Italy.

Reorganization of the whole hospital put great demands on transport automation. Telelift planned and installed a UniCar system with 4 km track, 50 stations and 160 vehicles.

The work was done in two phases, between 2009 and 2013. The Telelift system transports blood, samples, pharmaceuticals, sterile goods and patient files and links more than six separate buildings via subterranean channels of supply.

### The success:

Reduction of manual transports allowed a significant cost reduction. The payback time was within 4 years and the system now affords a 99% availability.

# Medical



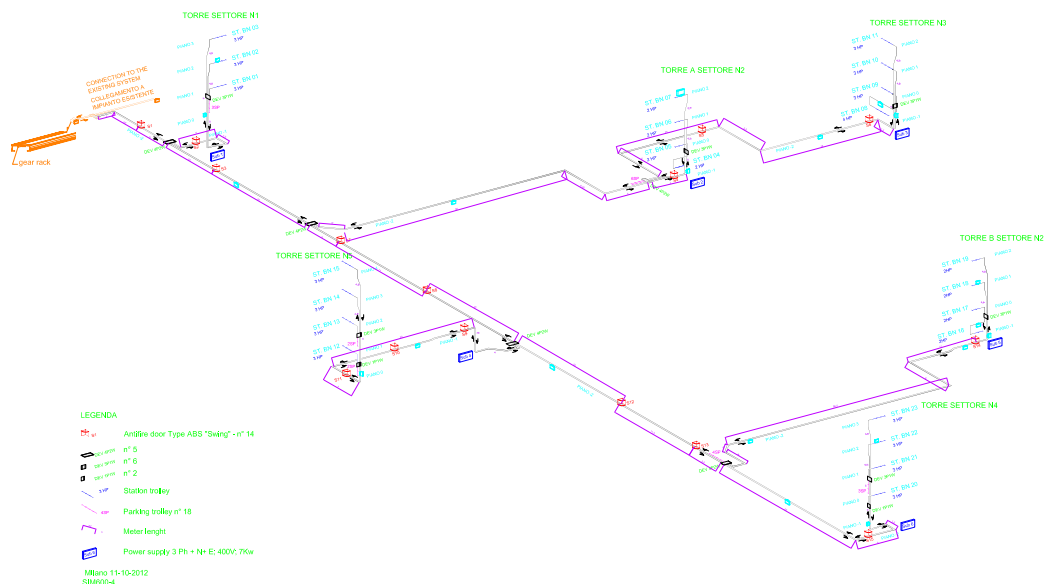
## The Solution:

Track length: 4000 m  
 No. of stations: 50  
 No. of vehicles: 160  
 Commissioning: 2009 (Phase 1)  
 2013 (Phase 2)

Connected areas:  
 Sterilization, operating blocks,  
 laboratory, intensive care,  
 reanimation, wards, pharmacy

## Advantages of Telelift:

- > Strong cost reduction
- > Scheduled internal material handling
- > Almost no messenger services
- > Transparency and monitoring of every transport
- > 24/7 usability of the system



Telelift GmbH

Frauenstrasse 28  
 82216 Maisach  
 Germany

Phone +49 (0)8141 315 910  
 Fax +49 (0)8141 3159 1111  
 info@telelift-logistic.com  
 www.telelift-logistic.com